This sequence represents a primer used in the method of the invention for the detection of the presence or absence of chromosomal abnormalities, cach abnormality being associated with a condition in a subject and each being defined by at least one characteristic nucleic acid sequence. The method comprises: (a) obtaining a sample of nucleic acid sequence. The subject which may harbour one of the chromosomal abnormalities; (b) subjecting the sample to a multiplex molecular amplification (MMA) procedure, where a number of the characteristic sequences, if present in c a sufficient amount, will be amplified; (c) recrieving the product(s) craracteristic of the abnormal sequences and/or absence of an amplicon characteristic of the abnormal sequences to detect the prosence or absence of corresponding chromosomal abnormalities; where the WMA procedure comprises the use of at least 7 mutually distinct primers (MDP) or absence of comprises the first end of at least two characteristic nucleic acid sequences and where at least one of the primers defining an end of at least one characteristic nucleic acid sequences ach being determined in their opposite ends by MDP selected from the remainder of the MDP. The methods can be used for detecting chromosomal abnormalities associated with diseases including numerous leukaemia's, neuroblastoma's, correctionma's, and malignant neoplastic conditions 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Live 0; Mismatches 0; Indels Sequence 13 BP; 2 A; 6 C; 1 G; 4 T; 0 U; 0 Other; Claim 73; Page 110; 126pp; English Query Match 

Best Local Similarity 100. Matches 9; Conservative 935 TCCTCTTCA 943 à

DNA sequencing; probe ligation; probe cleavage; probe; ss. Probe used in DNA sequencing method. AAV13242 standard; DNA; 13 BP. (first entry) TCCTCTTCA 10 14-MAY-1998 AAV13242; RESULT 2777 AAV13242 셤

96US-00667689 21-JUN-1996; US5714330-A. 03-FEB-1998. Synthetic.

94US-00222300. 94US-00280441. 95US-00410116. 04-APR-1994; 25-JUL-1994; 24-MAR-1995;

(LYNX-) LYNX THERAPEUTICS INC.

Brenner S; Dubridge RB, WPI; 1998-144279/13.

The present sequence was used in the development of a novel method for the determination of a nucleotide sequence of a polynucleotide (PN). The DNA sequencing method - by stepwise probe ligation and cleavage Example 5; Col 26; 43pp; English.

method comprises: (a) ligating a probe to an end of a PN, the probe having a nuclease recognition site of a nuclease whose cleavage site is separate from its recognition site, and the PN having been replicated in the presence of 5-methyldeoxycytidine triphosphate; (b) identifying at least one nucleotide at the end of the PN by the identity of the probe ligated to it or by extending a strand of the PN or probe; (c) cleaving the PN with a nuclease recognising the nuclease recognition site of the probe so that the PN is shortened by one or more nucleotides; and (d) repeating steps (a) to (c) until the nucleotide sequence of the PN is determined. The method avoids electrophoretic separation of similarly sized DNA fragments and problems associated with the detection and analysis of overlapping bands of DNA fragments in the gel, and obviates the need to generate DNA fragments from long single stranded templates with a DNA polymerase

Seguence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

. 0 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels 9, Conservative Query Match Best Local Similarity Matches 9; Conserv

935 TCCTCTTCA 943 recreation 13 ઠ 셤 AAV34128 standard; DNA; 13 BP.

RESULT 2778

AAV34128;

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Gaps

(first entry) 02-FEB-1999

Oligomer; nucleotide sequencing; ligation; probe; hybridisation; type IIS restriction endonuclease; recognition site; cleavage; ss. Oligonucleotide #24 for novel DNA sequencing method.

Synthetic.

US5831065-A. 03-NOV-1998

94US-00222300. 94US-00280441. 95US-00410116. 95US-00478239. 96US-00712011 11-SEP-1996; 04-APR-1994; 25-JUL-1994; 24-MAR-1995

THERAPEUTICS INC (LYNX-) LYNX

07-JUN-1995;

Brenner S;

WPI; 1998-609330/51.

Kits for DNA sequencing - contains components for a stepwise ligation and cleavage sequencing procedure.

Example 5; Col 33; 39pp; English.

Oligomers AAV34105-V34144 are used in kits for a method for determining the nucleotide sequence of a polynucleotide. The method comprises ligating a probe to the end of a polynucleotide to form a ligated complex, the probe having a type IIS restriction endonuclease recognition site positioned so that the endonuclease cleaves the ligated complex, but not the probe. The probe used is partially double stranded, with an overhang which hybridises to the target sequence. The sequence of the probe is such that on hybridisation and recognition of the endonuclease site, the endonuclease actually cleaves the target sequence one base from the terminus, and not at the recognition site of the probe. In this 

schultz1-899.rng

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Gaps

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Indels

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Mismatches

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9; Conservative 935 TCCTCTTCA 943 5 rccrcrrch 13

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Antifungal; biocontrol; binucleate; non-pathogenic fungus; strain identification; classification; internal transcribed spacer; ITS region; 5.8s region; ribosomal; PCR primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Rubio Susan V, Salazar Torres O, Julian Esquivias M;
Gonzales Garcia V, Gomez-Acebo Gullon E, Munoz Gomez
Lopez Corcoles H;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TECN-) INST TECNICO AGRONOMICO PROVINCIAL SA. (RUPF/) RUFFLES G K.
                                                                                                                                                                                                                             Rhizoctonia sp. PCR primer #10.
                                                                                                                                     AAZ92440 standard; DNA; 13 BP.
                                                                                                                                                                                                  05-JUN-2000 (first entry)
                                                                                                                                                                                                                                                                                                                                                   WO200004779-A1.
                                                                                                                                                                                                                                                                                                                    Rhizoctonia sp.
                                                                                                                                                                                                                                                                                                                                                                                                                23-JUL-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                           24-JUL-1998;
                                                                                                                                                                                                                                                                                                                                                                                 03-FEB-2000.
                                                                                                                                                                   AAZ92440;
                                                                                                          RESULT 2780
   Matches
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                                                                                                                                                     oligonucleotides AAX00556-X00595 are used in a method of determining the zygosity of an individual at a predetermined genetic locus having several allelic forms of DNA. The method comprises ligating a probe having a protruding strand and a nuclease recognition site to one end of each polynucleotide (containing a protruding and recessed end) in a sample of DNA from the predetermined genetic locus, to form one or more ligated complexes, (the ligated complexes being formed only from those probes whose protruding strands form perfectly matched duplexes with the nuclease recognition site being of a nuclease whose cleavage site is separate from its recognition site; (c) identifying the type and relative abundance of nucleatides in the protruding strand of the polyvucleotide for abundance of the probe; (d) cleaving the ligated complexes with the nuclease that recognises the nuclease recognition site and cuts the ligated complexes to give an augmented probe and a new protruding strand of ligated complexes to give an augmented probe and a new protruding strand on the polynucleotide, and (e) repeating steps (b) to (d) until the nucleotide sequences of the polynucleotides of the polynucleotides.
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                                                                                                                                                                                                                                                                                                                                                            Zygosity; genetic locus; allele; ligation; probe; nuclease; overhang;
recognition site; cleavage; ds.
                                                                                                          Gaps
manner, through repeated rounds of hybridisation and cleavage, the sequence of the target can eventually be deduced
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                                                                                                                                                                                                                                                                                                                                    Probe (B) for detecting zygosity by ligation and cleavage.
                                                                                                        0; Indels
                                                                         12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; vative 0; Mismatches 0; Indels
                                             Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;
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94US-00280441.
95US-00410116.
                                                                                                                                                                                                                                          AAX00579 standard; DNA; 13 BP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (LYNX-) LYNX THERAPEUTICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      95US-00478239.
                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                        9; Conservative
                                                                                                                                     935 TCCTCTTCA 943
                                                                                                                                                                   5 rccrcrrca 13
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                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                       30-MAR-1999
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24-MAR-1995;
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                                                                                                                                                                                                                                                                                                                                                                                                                Synthetic.
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98GB-00016265. 99WO-GB002406

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The invention relates to a novel method of protecting plants from pathogenic fungi. The method comprises biocontrol of pathogenic fungi via the use of a non-pathogenic, binucleate Rhizoctonia strain. The binucleate Rhizoctonia is selected by molecular detection of certain internal transcribed spacer (ITS)-5.8s ribosomal DNA sequences (AAZ92445-AAZ9488), which vary between strains of these fungi. The invention also material from the binucleate Rhizoctonia strains of the invention, and commerced as biocontrol agents for related pathogenic fungi. Bruncleate Rhizoctonia isociate Bab-F2 was tested for its ability to princet tomato seedlings from the pathogenic Rhizoctonia strains of the invention are used as biocontrol agents for related pathogenic fungi. Bruncleate Rhizoctonia strains were incoulated either simultaneously or consecutively (the binucleate strain followed by the pathogenic strain), and the protection effect indicated by the degree of infected vegetal surface. The binucleate strain was found to provide protection against the pathogenic strain when it had been allowed to colonise the vegetal surface prior to pathogenic fungal infection (i.e., consecutive concept a wide variety of plants from pathogenic fungal infection. Plants inculated simultaneously. The method of colonise the vegetal sugar beet and alfalfa, trees and consecution may be used to protect a wide variety of plants from pathogenic fungal infection. Plants reliable and provides economical biocontrol of diseases caused by sugar beet and alfalfa, trees and consecution of diseases caused by Rhizoctonia on the basis of their ITS sequences, thereby classifying their pathogenicity
                                                                                                           Protection of plants including tomato, pepper, lettuce, radish, parsley, sugar beat, rape, and onions against pathogenic fungi, uses a binucleate Rhizoctonia strain for biocontrol.
                                                                                                                                                                                                                                                                                                                                                           Claim 10; Page 15; 121pp; English.
WPI; 2000-182492/16.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Query Match Best Local Similarity

Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

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Best Local Similarity
Matches 9; Conserv
                                                                     atherosclerosis
                                                                          Unidentified
                                                                               WO9963975-A2
                                                                                          10-JUN-1999;
                                                                                               10-JUN-1998;
                                                                                                 25-JUL-1998;
                                              30-MAR-2000
  Sequence 13
                                                                                    16-DEC-1999
                                         AAZ65642;
       Query Match
                              RESULT 2781
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This sequence is an immunosuppressant inhibitor oligonucleotide, which is used in the invention. The invention relates to a composition which contains at least one inhibitor (less than 100 kD) of a substance (e.g. transforming growth factor TGF-beta, vascular endothelial growth factor TGF-beta, vascular endothelial growth factor VEGF, interleukin-10 IL-10, prostaglandin E2 PGE2, or their receptors) that adversely affects the immune response. The composition at least one stimulant that positively affects the immune response. This oligonucleotide is an example of an inhibitor that is used in the composition. The composition is used as an immunostimulant for the treatment of neoplasms and infections, particularly hyperproliferation; leukaemia; (non-)Hodgkin's lymphoma; carcinoma (of oesophagus, bronch; colon-rectum, stomach, intestine, gall bladder or duct, pancreas, anus, consert, ovary, cervix, endometrium, prostate or bladder) liver tumours, malignant melanoma, brain tumours and sarcomas. The oligonucleotides, most of which are directed against TGFbeta or VEGF, are inhibitors of monocyte chemotactic protein-1 (MCP-1) and are useful as anti-
inflammatories for treating e.g. asthma, Crohn's disease, ulcerative colines, the colines of the colines of the colines for treating e.g. asthma, crohn's disease, ulcerative colines.
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                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Immunosuppressant inhibitor oligonucleotide TGF-beta-3-rwk-16.
                                                                                12.3%; Score 9; DB 1; Length 13; larity 100.0%; Pred. No. 1.5e+03; Conservative 0; Mismatches 0; Indels
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BP; 2 A; 2 C; 3 G; 6 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                  Gaps
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                              Oligonucleotide SEQ ID NO 42730 for detecting SNP TSC0012716.
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                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;
12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 13 BP; 3 A; 6 C; 0 G; 4 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Berlin K;
                                                                                                                                                                                 ABC42713 standard; DNA; 13 BP.
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Best Local Similarity 100.
                                  Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but fpp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                           Oligonucleotide SEQ ID NO 68651 for detecting SNP TSC0017898.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 1; SEQ ID NO 68651; 29pp + Sequence Listing; German.
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and oytosine methylation status in chemically pretreated genomic DNA. The oligomers for detecting single nucleotides are used for disaposis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC099889, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF90000 cat for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but ftp.wipo.int/pub/published_pct_sequence
                                                                                                                                                                                                                                                                                                                               This invention describes novel oligonucleotide primers or peptide nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The
                                                                                                                                                                                                                             This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                      Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                    Claim 1; SEQ ID NO 6578; 29pp + Sequence Listing; German.
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      ABC00010
oligomers are also used for detecting cell type differentiation. ABC00016-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABF00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not from part of the printed specification, but was obtained in electronic format from WIPO at figure, pub/published_pot_sequences
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligoners are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but
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                                                                                                              ABF09982 standard; DNA; 13
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CCTTTTATC 932
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99989, ABF00010-ABE99989, ABH00010-ABE99989 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 86587 for detecting SNP TSC0021760.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                     This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Claim 1; SEQ ID NO 116742; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                 Score 9; DB 1; Length 13; Pred. No. 1.5e+03; 1; Mismatches 1; Indels
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                                                               ABF42121 standard; DNA; 13
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABE99989, ABF00010-ABE99989, and ABI00010-ABE82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two obtained in electronic format from WIPO at
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12.3%; Score 9; DB 1; Length 13;

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oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                               Oligonucleotide SEQ ID NO 199608 for detecting SNP TSC0049105.
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ftp.wipo.int/pub/published_pct_sequences
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946 GGTTTAATG 954
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                                 9 GGTTTAATG
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABF99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                       Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                                                                                                                                                                                               Claim 1; SEQ ID NO 154249; 29pp + Sequence Listing; German.
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                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                         Oligonucleotide SEQ ID NO 150894 for detecting SNP TSC0038091.
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single-nucleotide polymorphisms and
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Best Local Similarity 100.
Matches 9; Conservative
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methylation status.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABT00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                            This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data-for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                           Claim 1; SEQ ID NO 155771; 29pp + Sequence Listing; German
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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(EPIG-) EPIGENOMICS AG

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABC0010-ABF9989, ABC0010-ABF9989, ABC0010-ABF9989, ABC0010-ABF9989, and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                        Berlin K;
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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine

Berlin K;

Piepenbrock C,

Olek A,

WPI; 2001-657177/75.

methylation status.

(EPIG-) EPIGENOMICS AG

Claim 1; SEQ ID NO 262961; 29pp + Sequence Listing; German.

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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      ABC94238 standard; DNA; 13 BP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                        Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
Sequence 13 BP; 4 A; 5 C; 1 G; 3 T; 0 U; 0 Other;
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                     set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                            Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                Claim 1; SEQ ID NO 95583; 29pp + Sequence Listing; German.
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but firm wipo.int/pub/published_pct_sequences
central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 -ABC09989, ABF00010-ABF9988, ABF00010-ABF9989, ABF00010-ABF89989 and ABI0010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at fitted the printed specification, but ftp.wipo.int/pub/published_pct_sequences
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ABC28027 standard; DNA; 13 BP.
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Best Local Similarity 100.
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XM SNP; sin
XM SNP; sin
XM SNP; sin
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Olek A, Piepenbrock C, (EPIG-) EPIGENOMICS AG.

WPI; 2001-657177/75.

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173

WO200177384-A2. Homo sapiens.

18-OCT-2001.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 54424 for detecting SNP TSC0014927.

21-FEB-2002 (first entry)

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ABC54407;

ABC54407 standard; DNA; 13 BP.

2816

ABC54407 RESULT

946 GGTTTAATG 954 ||||||||| 13 GGTTTAATG 5

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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ABC05358
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0; Gaps

Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                        of oligonucleotides, useful for diagnosis and cell typing, :
Igned to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; SEQ ID NO 5349; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                           Berlin K;
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81.8%;
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Best Local Similarity 81.8
Matches 9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                            Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Oligonucleotide SEQ ID NO 108509 for detecting SNP TSC0027145.
                                                                                                                                                                                                                               Claim 1; SEQ ID NO 107558; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels
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                                                                                                  Berlin K;
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06-APR-2001; 2001WO-IB000713.
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Best Local Similarity 100.vv
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                                                                                                  Piepenbrock C,
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                                                                 (EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                                   methylation status.
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ABF08512/C
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                 Oligonucleotide SEQ ID NO 5349 for detecting SNP TSC0001808.
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Gaps

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99989 and ABI00010-ABH82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                         Claim 1; SEQ ID NO 108509; 29pp + Sequence Listing; German.
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Best Local Similarity 100..
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                                                                               Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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                                                  Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;
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was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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central nervous system; gastrointestinal; respiratory; immune; metabolic.

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

06-APR-2001; 2001WO-IB000713.

WO200177384-A2

18-OCT-2001.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

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                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                              Oligonucleotide SEQ ID NO 63310 for detecting SNP TSC0016726.
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                                    ABC63293 standard; DNA; 13 BP.
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                                                                                                                                                                                          Homo sapiens
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                                                               ABC63293
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          RESULT 2822
ABC63293/c
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic formmat from WIPO at ftp.wipo.int/pub/published_pct_sequences
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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                   Claim 1; SEQ ID NO 114652; 29pp + Sequence Listing; German.
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(EPIG-) EPIGENOMICS AG.

SNP, single nucleotide polymorphism, human, diagnosis, PNA, cancer, peptide nucleic acid, cytosine methylation, cardiovascular, primer,

Oligonucleotide SEQ ID NO 114652 for detecting SNP TSC0028702.

21-FEB-2002 (first entry)

ABF14655;

ABF14655 standard; DNA; 13 BP.

GITIAAIGI 955

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GTTTAATGT

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligoners are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but thp.wipo.int/pub/published_pct_sequences
                                                                                                                                                         oligonucleotides, useful for diagnosis and cell typing, : ed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                    Claim 1; SEQ ID NO 115151; 29pp + Sequence Listing; German.
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                              Berlin K;
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Best Local Similarity 81.0-
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                              Olek A, Piepenbrock C,
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                                                                                            WPI; 2001-657177/75
                                                                                                                                                                                                                          methylation status.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Berlin K; Olek A, Piepenbrock C, WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

Claim 1; SEQ ID NO 116821; 29pp + Sequence Listing; German.

and cytosine methylation status in chemically pretreated genomic DNA. The oligomicleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The cligomers are also used for detecting cell type differentiation. ABCC0010-ABC099899, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but ftp.wipo.int/pub/published\_pct\_sequences 88666666666666888

Sequence 13 BP; 3 A; 0 C; 7 G; 2 T; 0 U; 1 Other;

ö Gaps 0; 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels Query Match
Best Local Similarity 100.. 931 TCCCTCCTC 939 TCCCTCCTC 10 ઠે ద

ABF16828 standard; DNA; 13 BP. ABF16828; RESULT 2826

21-FEB-2002 (first entry)

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Gaps

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Oligonucleotide SEQ ID NO 116825 for detecting SNP TSC0029233.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. WO200177384-A2. Homo sapiens,

18-OCT-2001.

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

Olek A, Piepenbrock C,

(EPIG-) EPIGENOMICS AG.

Berlin K;

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 116825; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published\_pct\_sequences ABF16828/ XX AC ABF1. XX ABF1. XX ABF1. XX SNP; XW SNP; XX Homo XX O7-A XX O7-A XX O109 XX Clai XX C

Sequence 13 BP; 3 A; 1 C; 7 G; 1 T; 0 U; 1 Other;

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                                                                                                                                                                                                                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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igned to detect single-nucleotide polymorphisms and cytosine
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DB 1; Le...
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                12.3%; Score 9; DB 1
100.0%; Pred. No. 1.5
tive 0; Mismatches
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                       Oligonucleotide SEQ ID NO 130871 for detecting SNP TSC0032666.
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12.3%; Score 9; DB 1; Les
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0;
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21-FEB-2002 (first entry)
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BX8XXXXXX
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WO200177384-A2

ABF30874 standard; DNA; 13 BP.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form par of the printed specification, but fire wipo int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                  Claim 1; SEQ ID NO 132749; 29pp + Sequence Listing; German.
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                                           06-APR-2001; 2001WO-IB000713.
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                                                                                                                 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99989, ABF00010-ABE99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire wipo.int/pub/published_pct_sequences
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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                  German
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Pred. No. 1.5e+03;
1; Mismatches 1; Indels
                                                                              Claim 1; SEQ ID NO 140349; 29pp + Sequence Listing;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification ftp.wipo.int/pub/published_pot_sequences
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100.0%; Pred. No. 1.5e+03;
7ative 0; Mismatches 0;
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ABH18783 standard; DNA; 13 BP.
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Best Local Similarity 100.
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                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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ftp.wipo.int/pub/published_pct_sequences
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Matches 9; Conservative
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ABF69193
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9; Conservative

Matches

Query Match Best Local Similarity

Oligonucleotide SEQ ID NO 196349 for detecting SNP TSC0048329.

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Gaps

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1; Indels

12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03;

1; Mismatches

set ot oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

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Berlin

Piepenbrock C,

Olek A,

WPI; 2001-657177/75

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS

Claim 1; SEQ ID NO 197051; 29pp + Sequence Listing; German.

Page 1229

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire wipo.int/pub/published_pct_sequences
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              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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81.8%; Pred. No. 1.5e+03;
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                                                                                                                WO200177384-A2
                                                                                  Homo sapiens,
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contrain nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI32073 the preparent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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18-OCT-2001

Homo sapiens

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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

925 CTTTTATCC 933

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13 CTTTTATCC

ABF50939 standard; DNA; 13 BP.

RESULT 2838

**ABF5093** 

ABF50939;

BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;

Sequence 13

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ABF74096;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                               Oligonucleotide SEQ ID NO 150936 for detecting SNP TSC0038101.
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                                                                 21-FEB-2002 (first entry)
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RESULT 2839

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                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                 Oligonucleotide SEQ ID NO 179806 for detecting SNP TSC0044526.
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                                                                                                                                                                                                                                                                                                                                                                                             Claim 1; SEQ ID NO 179806; 29pp + Sequence Listing; German.
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             ABF79809 standard; DNA; 13
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Best Local Similarity
Matches 9; Conserv
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                                     ABF79809;
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99999, ABF00010-ABE99999, ABF00010-ABE99999, ABF00010-ABE99999, ABF00010-ABE99999 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at five wipo.int/pub/published_pct_sequences
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                           36-APR-2001; 2001WO-IB000713;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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                            methylation status.
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Best Local Similarity
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RESULT 2843 ABF64049/c 8888888888888 à ô This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at Gaps Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine . 0 Claim 1; SEQ ID NO 185208; 29pp + Sequence Listing; German. 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels Sequence 13 BP; 8 A; 3 C; 0 G; 2 T; 0 U; 0 Other; ftp.wipo.int/pub/published\_pct\_sequences 9; Conservative WPI; 2001-657177/75

Oligonucleotide SEQ ID NO 187392 for detecting SNP TSC0046193. ABF87395 standard; DNA; 13 BP. 22-FEB-2002 (first entry)

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status. Claim 1; SEQ ID NO 187392; 29pp + Sequence Listing; German. 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Best Local Similarity

Query Match

Seguence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;

ö This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABT00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC00989, ABF00010-ABF99899, ABF00010-ABF99899 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps . 0 Oligonucleotide SEQ ID NO 164046 for detecting SNP TSC0005349. German. Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels Set of oligonucleotides, useful for diagnosis and cell designed to detect single-nucleotide polymorphisms and methylation status. Claim 1; SEQ ID NO 164046; 29pp + Sequence Listing; Sequence 13 BP; 6 A; 4 C; 1 G; 2 T; 0 U; 0 Other; was obtained in electronic format from WI ftp.wipo.int/pub/published\_pct\_sequences ftp.wipo.int/pub/published\_pct\_sequences Berlin K; BP. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173. ABF64049 standard; DNA; 13 22-FEB-2002 (first entry) Olek A, Piepenbrock C, 944 TTGGTTTAA 952 (EPIG-) EPIGENOMICS AG 9 TTGGTTTAA 1 WPI; 2001-657177/75. WO200177384-A2 Homo sapiens. 18-OCT-2001. ABF64049;  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 245790 for detecting SNP TSC0060041.

22-FEB-2002 (first entry)

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                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                    Oligonucleotide SEQ ID NO 192040 for detecting SNP TSC0047247.
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 0; Indels
0; Mismatches
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                                                                                        ABF92043 standard; DNA; 13 BP.
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9; Conservative
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                   947 GITTAATGI 955
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                                                                      RESULT 2844
Matches
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically prerreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF3073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin K;

Olek A, Piepenbrock C,

(EPIG-) EPIGENOMICS

WPI; 2001-657177/75.

06-APR-2001; 2001WO-IB000713 07-APR-2000; 2000DE-01019173

WO200177384-A2.

18-OCT-2001

Homo sapiens

central

Claim 1; SEQ ID NO 245790; 29pp + Sequence Listing; German.

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Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically prefracted generic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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3 ATTTCTTT 11
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                           Oligonucleotide SEQ ID NO 257893 for detecting SNP TSC0007418.
                                                                 ABH57916 standard; DNA; 13 BP.
                                                                                                                  22-FEB-2002 (first entry)
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BP.

ABH45813 standard; DNA; 13

RESULT 2845 ABH45813/c

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olek A,

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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                       Claim 1; SEQ ID NO 257893; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                 Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;
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                                                                            oligonucleotides,
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Best Local Similarity
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                                                                                           methylation status.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically prerreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE039989, ABE00010-ABE99989, ABE00010-ABE99989 and ABE100010-ABE32071 represent the oligomers described in the invention. NOTE: The sequence

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                          Claim 1; SEQ ID NO 261147; 29pp + Sequence Listing; German.
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Matches 9; Conservative 0; Mismatch
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  methylation status.
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es 0; Indels
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                                                                                                                                                            Berlin K;
                       06-APR-2001; 2001WO-IB000713.
                                                                    07-APR-2000; 2000DE-01019173
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Length 13; 0; Indels

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ö This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABH99899 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published\_pct\_sequences SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps Gaps Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. ; ; Oligonucleotide SEQ ID NO 43734 for detecting SNP TSC0012908. Claim 1; SEQ ID NO 43734; 29pp + Sequence Listing; German. Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels Ouery Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels Sequence 13 BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other; Sequence 13 BP; 6 A; 4 C; 0 G; 3 T; 0 U; 0 Other; Berlin K; ABC43717 standard; DNA; 13 BP. 07-APR-2000; 2000DE-01019173. 06-APR-2001; 2001WO-IB000713. (first entry) Olek A, Piepenbrock C, (EPIG-) EPIGENOMICS AG 947 GITTAATGT 955 943 ATTGGTTTA 951 4 GTTTAATGT 12 WPI; 2001-657177/75. WO200177384-A2 Homo sapiens. 21-FEB-2002 18-OCT-2001 ABC43717; RESULT 28
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ABC73752 standard; DNA; 13 BP

ABC73752;

(first entry) 21-FEB-2002

Oligonucleotide SEQ ID NO 73769 for detecting SNP TSC0018997.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG.

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 73769; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ABC73752
ABC7375
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Seguence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

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ABC74363 standard; DNA; 13 BP.

21-FEB-2002 (first entry)

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Oligonucleotide SEQ ID NO 74380 for detecting SNP TSC0019118

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;

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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC09999, ABF00010-ABF9998, ABF00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but fire wipo.int/pub/published_pct_sequences
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                      949 TTAATGTAT
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ABF31469 standard, DNA; 13 BP.
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                                                                                                                  SND; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                    Oligonucleotide SEQ ID NO 115965 for detecting SNP TSC0029061.
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es 9; Conserv
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 ABC99899, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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Berlin K;
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                                                                                                                            This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABR00010-ABB9989, ABR00010-ABB9989, and ABI0010-ABB82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                           ID NO 131466; 29pp + Sequence Listing; German.
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                                                                                             Claim 1; SEQ
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oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF0010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NoTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at flowlybublished_pct_sequences
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                                                                                                                                                                12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; ive 1; Mismatches 1; Indels
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                                                                                                                                Sequence 13 BP; 0 A; 0 C; 3 G; 9 T; 0 U; 1 Other;
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methylation status.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNR) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Oligonucleotide SEQ ID NO 150634 for detecting SNP TSC0038014.
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907 ATTTTCTTT 915
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ABF53615/c
ID ABF53619
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99899, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 153612 for detecting SNP TSC0038839.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Claim 1; SEQ ID NO 153612; 29pp + Sequence Listing; German.
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Local Similarity 81.8%; Pred. No. 1.5e+03;
les '9; Conservative 1; Mismatches 1;
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ABH37379 standard; DNA; 13 BP.
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Claim 1; SEQ ID NO 187387; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                     This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretraeted genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99889 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                      Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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Best Local Similarity 100.
                                                                  Piepenbrock C,
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                                      (EPIG-) EPIGENOMICS AG
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABE99989, ABF00010-ABE99989 and ABI00010-ABE8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosie; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                               Oligonucleotide SEQ ID NO 94256 for detecting SNP TSC0023528.
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Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                     Local Similarity 100.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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 Berlin K;
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Best Local Similarity 100.
Matches 9, Conservative
Piepenbrock C,
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
             range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC099989, ABF00010-ABF9989, ABF00010-ABH99899 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published_pct_sequences
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oligonucleotides are used for diagnosis and/or prognosis of cancer and a
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                 Indels
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Best Local Similarity
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06-APR-2001; 2001WO-IB000713 07-APR-2000; 2000DE-01019173.

18-OCT-2001.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABF9989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                     Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                              Oligonucleotide SEQ ID NO 58980 for detecting SNP TSC0015803.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1; SEQ ID NO 58980; 29pp + Sequence Listing; German.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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              21-FEB-2002 (first entry)
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

943 ATTGGTTTA 951

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0; Gaps

Sequence 13 BP; 4 A; 0 C; 2 G; 7 T; 0 U; 0 Other;

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosite metrylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE9989, ABF00010-ABE9989, ABH00010-ABE9989, ABH00010-ABE9989, ABH00010-ABE9989, and ABI00010-ABE9073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

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Olek A, Piepenbrock C,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS

Claim 1; SEQ ID NO 10599; 29pp + Sequence Listing; German.

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                  Oligonuclectide SEQ ID NO 11801 for detecting SNP TSC0002846.
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                                                                         ABC11794 standard; DNA; 13 BP.
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                                                                                                                                     (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                              (EPIG-) EPIGENOMICS AG
5 ATTGGTTTA 13
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                                                                                                        ABC11794;
                                              RESULT 2875
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                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 10599 for detecting SNP TSC0002667.

WO200177384-A2

Homo sapiens

(first entry)

20-FEB-2002

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                             Claim 1; SEQ ID NO 11801; 29pp + Sequence Listing; German
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12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; tive 1; Mismatches 1; Indels Conservative 948 TTTAATGTATC 958 Local Similarity Query Match Best Loc Matches ò

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3 rrgaardrary 13 g

ABC61054 standard; DNA; 13 ABC61054; 

21-FEB-2002 (first entry)

Oligonucleotide SEQ ID NO 61071 for detecting SNP TSC0016269.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; 88; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Piepenbrock C, olek A,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 61071; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073

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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels

Query Match
Best Local Similarity 100.
Matches 9; Conservative

Seguence 13 BP; 1 A; 3 C; 0 G; 8 T; 0 U; 1 Other;

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
           represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                        Seguence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;
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Local Similarity 100.0%; Pred. No. 1.5e+03;
tes 9; Conservative 0; Mismatches 0;
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                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                     Oligonucleotide SEQ ID NO 86588 for detecting SNP TSC0021760.
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ABC13536/c
ID ABC13536 standard; DNA; 13 BP.
                                                     ABC86571 standard; DNA; 13 BP.
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Matches 9; Conservative
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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schultz1-899.rng

Berlin K;

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ligonucleotides, useful for diagnosis and cell typing, is to detect single-nucleotide polymorphisms and cytosine
                                                                                    Claim 1; SEQ ID NO 65892; 29pp + Sequence Listing; German.
                                                     Set of oligonucleotides,
                       Piepenbrock C,
       (EPIG-) EPIGENOMICS AG
                                      WPI; 2001-657177/75
                                                                     methylation status.
                                                              designed
                       olek A,
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at ö ö 12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; rative 1; Mismatches 1; Indels Sequence 13 BP; 8 A; 1 C; 0 G; 3 T; 0 U; 1 Other; 9; Conservative Query Match Best Local Similarity Matches

948 TTTAATGTATC 958 TTTATGTATY 1 11 g

2881

ABF18548 standard; DNA; 13 BP. ABF18548; 

21-FEB-2002 (first entry)

Oligonucleotide SEQ ID NO 118545 for detecting SNP TSC0029612.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

18-OCT-2001

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Piepenbrock C, olek A,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 118545; 29pp + Sequence Listing; German.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABH0010-ABH99989 and ABI00010-ABI82073 data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                      ftp.wipo.int/pub/published_pct_sequences
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Best Local Similarity 100.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo int/pub/published_pct_sequences
                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                       Oligonucleotide SEQ ID NO 142117 for detecting SNP TSC0035591.
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 ABF42120 standard; DNA; 13
                                                                          (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                     Length 13;
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Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
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12.3%; Score 9; DB 1; Les
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0;
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Berlin K;

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                              0; Indels
DB 1; Length 13;
Query Match
12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 1.5
Matches 9; Conservative 0; Mismatches
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                                                            949 TRATCTAT 957
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RESULT 2884 ABF42120

schultz1-899.rng

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contran are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABF9989, ABH00010-ABF9989, ABH00010-ABH99989 and ABT00010-ABIS2073 targenest the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                          Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                     Claim 1; SEQ ID NO 220228; 29pp + Sequence Listing; German.
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WPI; 2001-657177/75
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                                                                                                                                                                                                                                                                                                                                                                                                                                      Claim 1; SEQ ID NO 220227; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytoshim methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory,
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central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 -ABC39989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, CAPF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9898, ABF00010-ABF9989, ABF00010-ABF9898, ABF00010-ABF9989, ABF000010-ABF9989, ABF000010-ABF9989, ABF000010-ABF9989, ABF000010-ABF9989, ABF000010-ABF9989, ABF0000010-ABF9989, ABF00
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ABF98783 standard; DNA; 13 BP (first entry) 22-FEB-2002 ABF98783; RESULT 2888 ABF98783/c 셤

Oligonucleotide SEQ ID NO 198780 for detecting SNP TSC0048916.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 198780; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but fire wipo int/pub/published\_pct\_sequences

Sequence 13 BP; 8 A; 3 C; 0 G; 1 T; 0 U; 1 Other;

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Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels
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ABF99178 standard; DNA; 13 BP. ABF99178;

RESULT

22-FEB-2002 (first entry)

Oligonucleotide SEQ ID NO 199175 for detecting SNP TSC0049015.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG.

Berlin Olek A, Piepenbrock C,

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WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 199175; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic formmat from WIPO at 

Sequence 13 BP; 6 A; 0 C; 2 G; 5 T; 0 U; 0 Other;

Query Match
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels

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Gaps

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948 TTTAATGTA 956 

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RESULT 2890

ABH26995 standard; DNA; 13 ABH26995 ID ABH2 XX AC ABH2 XX DT 22-F

ABH26995;

22-FEB-2002 (first entry)

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                              Berlin K;
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                                                                                                   07-APR-2000; 2000DE-01019173
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                                                                                                                 (EPIG-) EPIGENOMICS AG
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                                                                                                                                                                                Claim 1; SEQ ID NO 178784; 29pp + Sequence Listing; German.
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06-APR-2001; 2001WO-IB000713.
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                                                                                             (EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                         Oligonucleotide SEQ ID NO 226972 for detecting SNP TSC0055338.
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Gaps

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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

WO200177384-A2

18-OCT-2001

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99989, ABF00010-ABE99989, ABF00010-ABE99989 and ABI00010-ABE8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but ftp.wipo.int/pub/published_pct_sequences
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                                                  Claim 1; SEQ ID NO 229110; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                   Match 12.3%; Score 9; DB 1; Length 13; Local Similarity 81.8%; Pred. No. 1.5e+03; les 9; Conservative 1; Mismatches 1; Indels
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was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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methylation status.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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central nervous system; gastrointestinal; respiratory; immune; metabolic
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designed to detect single-nucleotide polymorphisms and cytosine
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ABH49387 standard; DNA; 13 BF.
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                                                  Homo sapiens.
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                                                                        ABF91581 standard; DNA; 13 BP
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99989, ABF00010-ABE99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                    set or oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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ô and cytosine methylation status in chemically pretreated genomic DNA. The oligomicleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00010-ABF90000 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published\_pct\_sequences This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and merabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published\_pct\_sequences SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. .. 0 Oligonucleotide SEQ ID NO 42729 for detecting SNP TSC0012716. Claim 1; SEQ ID NO 42729; 29pp + Sequence Listing; German Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels Seguence 13 BP; 4 A; 0 C; 6 G; 3 T; 0 U; 0 Other; Sequence 13 BP; 3 A; 1 C; 5 G; 4 T; 0 U; 0 Other; 봈 Berlin ABC42712 standard; DNA; 13 BP. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173. 21-FEB-2002 (first entry) Olek A, Piepenbrock C, 960 CTACCAACG 968 ហ WPI; 2001-657177/75. (EPIG-) EPIGENOMICS 13 CTACCAACG WO200177384-A2. Homo sapiens 18-OCT-2001 2899 RESULT 8셤 à

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABF9989 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                     Oligonucleotide SEQ ID NO 69633 for detecting SNP TSC0018115.
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                                                                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                             0; Indels
12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels
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Query Match
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                     Berlin K;
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                                      06-APR-2001; 2001WO-IB000713.
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                    Claim 1; SEQ ID NO 76854; 29pp + Sequence Listing; German
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification for the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                             0; Gaps
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                     Oligonucleotide SEQ ID NO 7309 for detecting SNP TSC0002136.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Similarity 100.0%; Pred. No. 1.5e+03; 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Berlin K;
                                                                                                   DNA; 13 BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     designed to detect methylation status.
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1 TTTAATGTA
                                                                                                     ABC07318 standard;
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                                                                                                                                      ABC07318;
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ID ABF0
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Oligonucleotide SEQ ID NO 107557 for detecting SNP TSC0026929.

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Gaps

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0; Indels

948 TTTAATGTA 956

Local Similarity nes 9; Conserv

Matches

Berlin K;

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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
07-APR-2000; 2000DE-01019173
                                                       Olek A, Piepenbrock C,
                            (EPIG-) EPIGENOMICS AG.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and oytosine methylation status in chemically pretreated genomic DNA. The oligomicleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Claim 1; SEQ ID NO 57599; 29pp + Sequence Listing; German.
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ABC58870 standard; DNA; 13 BP.
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5. Conservative
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AC58870/K
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AC58870/K
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99899, ABH00010-ABF99899 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at fitte.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                              Score 9; DB 1; Length 13;
Pred. No. 1.5e+03;
1; Mismatches 1; Indels
  Sequence 13 BP; 4 A; 1 C; 6 G; 1 T; 0 U; 1 Other;
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81.8%;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
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RESULT 2912

schultz1-899.rng

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Homo sapiens.
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                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                              Oligonucleotide SEQ ID NO 63309 for detecting SNP TSC0016726.
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         ABC63292 standard; DNA; 13
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically prereated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABI82071 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but twipo.int/pub/published_pct_sequences
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designed to detect single-nucleotide polymorphisms and cytosine
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two, wipo.int/pub/published_pct_sequences
                                                              Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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Oligonucleotide SEQ ID NO 218759 for detecting SNP TSC0053206.
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Best Local Similarity
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Piepenbrock C, WPI; 2001-657177/75

Berlin K;

Set of oligonucleotides, useful for diagnosis and cell typing, addesigned to detect single-nucleotide polymorphisms and cytosine Claim 1; SEQ ID NO 218759; 29pp + Sequence Listing; German. designed to detect amethylation status.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretraeted genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a

Length 13;

12.3%; Score 9; DB 1; I 81.8%; Pred. No. 1.5e+03;

Query Match Best Local Similarity

Sequence 13 'BP; 4 A; 0 C; 2 G; 6 T; 0 U; 1 Other;

ö This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but they wipo int/pub/published\_pct\_sequences SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine .. Oligonucleotide SEQ ID NO 169139 for detecting SNP TSC0042261 Claim 1; SEQ ID NO 169139; 29pp + Sequence Listing; German. Length 13; 1; Indels Sequence 13 BP; 0 A; 1 C; 4 G; 7 T; 0 U; 1 Other; 12.3%; Score 9; DB 1; L681.8%; Pred. No. 1.5e+03; Mismatches ftp.wipo.int/pub/published\_pct\_sequences Berlin K; ABF69142 standard; DNA; 13 BP. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173. 22-FEB-2002 (first entry) Local Similarity 81.8 nes 9; Conservative 909 TTTCTTTGGTC 919 Olek A, Piepenbrock C, 3 rrrcgrrcgrr 13 (EPIG-) EPIGENOMICS AG WPI; 2001-657177/75 methylation status. WO200177384-A2 Homo sapiens. 18-CCT-2001. ABF69142; Query Match RESULT 2916 Matches ABF69142 883333333338 ठ

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This invention describes novel oligonuclectide primers or peptide nucleic
                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                           Oligonucleotide SEQ ID NO 152505 for detecting SNP TSC0038549.
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diseases and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99899, ABC0010-ABC99899, ABC0010-ABC99899 ABH0010-ABC99899 ABH0010-ABC99899 ABT0010-ABC9980 and ABI0010-ABC8000 data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but the wipo int/pub/published_pct_sequences
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ABF52508 standard; DNA; 13

RESULT 2918

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ABF52508 ID ABF5 XX AC ABF5 XX

Berlin K;

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but firm wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                 Claim 1; SEQ ID NO 155715; 29pp + Sequence Listing; German.
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                                                                                                                                                                                   of oligonuclectides,
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                                                                       This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but typuploublished_pct_sequences
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                                 Claim 1; SEQ ID NO 185996; 29pp + Sequence Listing; German.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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12.3%; Score 9; DB 1; Let 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0;

Conservative

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BP.

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                  Oligonucleotide SEQ ID NO 245789 for detecting SNP TSC0060041.
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                                                          ABH45812 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                     12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
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                                                          Seguence 13 BP; 2 A; 2 C; 0 G; 8 T; 0 U; 1 Other;
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                                              This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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Claim 1; SEQ ID NO 245789; 29pp + Sequence Listing; German.
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peptide nucleic acid, cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                 Berlin K;
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                               Piepenbrock C,
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(EPIG-) EPIGENOMICS AG.
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                                   olek A,
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This invention describes novel oligonucleotide primers or peptide nucleic

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acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for damosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                  12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                   1; Indels
Score 9; DB 1; Length 13;
Pred. No. 1.5e+03;
1; Mismatches 1; Indels
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ABC42604
ID ABC42604 standard; DNA; 13
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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin K;

Piepenbrock C,

Olek A,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS AG

06-APR-2001; 2001WO-IB000713 07-APR-2000; 2000DE-01019173

WO200177384-A2

18-OCT-2001

Claim 1; SEQ ID NO 68289; 29pp + Sequence Listing; German.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at they printed specification, but ftp.wipo.int/pub/published_pct_sequences
                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                      Oligonucleotide SEQ ID NO 42621 for detecting SNP TSC0012696.
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ABC66272
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                  Set of oligonuclectides, useful for diagnosis and cell typing, is designed to detect single-nuclectide polymorphisms and cytosine methylation status.
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                                                                                         Claim 1; SEQ ID NO 68652; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not format from WIPO at was obtained in electronic format from WIPO at firth pub/published_pct_sequences
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Oligonucleotide SEQ ID NO 52716 for detecting SNP TSC0014600
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                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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ABC51257 standard; DNA; 13
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ABC52699 standard; DNA; 13
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymoxphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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Claim 1; SEQ ID NO 82263; 29pp + Sequence Listing; German
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosite methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo int/pub/published_pct_sequences
                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                               Oligonucleotide SEQ ID NO 84484 for detecting SNP TSC0021255.
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                                           ABC84467 standard; DNA; 13 BP.
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Matches 9; Conservative
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                     ABC84467,
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                                                                                       12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
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ABC58866 standard; DNA; 13 BP.
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Piepenbrock C,
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting call type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABF00010-ABF99899 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but twipo.int/pub/published_pct_sequences
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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                               Sequence 13 BP; 3 A; 0 C; 1 G; 8 T; 0 U; 1 Other;
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                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                         Oligonucleotide SEQ ID NO 130882 for detecting SNP TSC0032668.
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                Indels
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Pred. No. 1.5e+03;
Mismatches 0;
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ilarity 100.0%; P. Conservative 0;
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Matches 9; Conservative
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36-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173

18-OCT-2001

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                   Oligonucleotide SEQ ID NO 135185 for detecting SNP TSC0033712.
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ABF35189 standard; DNA; 13 BP.
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Matches 9; Conserv
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH0010-ABF99989 and ABI00010-ABF32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pot_sequences
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Best Local Similarity 100.0.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE9989, ABF00010-ABE9989, ABH00010-ABH99989 and ABI00010-ABI82073 trapersent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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designed to detect single-nucleotide polymorphisms and cytosine
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                                               Claim 1; SEQ ID NO 194711; 29pp + Sequence Listing; German
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81.8%; Pred. No. 1.5e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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ilarity 100.0%; Pred. No. 1.5e+03;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cancer also used for detecting cell type differentiation. Abcommon oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073

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                                                                                                                                            SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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100.0%; Pred. No. 1.5e+03;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic formmat from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                          Oligonucleotide SEQ ID NO 163753 for detecting SNP TSC0041141.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                       Oligonucleotide SEQ ID NO 164669 for detecting SNP TSC0006368.
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 ABF64672 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                           12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99899, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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RESULT 2957 ABF64672/c

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABC0010-ABF9989, ABC0010-ABF9989, ABC0010-ABF9989, ABC0010-ABF9989, and ABI0010-ABF99989 and ABI0010-ABF9073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form par of the printed specification, but the was obtained in electronic format from WIPO at the printed specification, but ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                 Set of oligonucleotides, useful for diagnosis and cell typing, : designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                                                     Claim 1; SEQ ID NO 165945; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                               Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                          Claim 1; SEQ ID NO 249363; 29pp + Sequence Listing; German
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Best Local Similarity 100..
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WPI; 2001-657177/75.
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ABH61171/
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central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI0010-ABF82013 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but ftp.wipo.int/pub/published\_pct\_sequences 888888888888

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Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;

Gaps ; Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

948 TITAAIGIA 956 ||||||||| 12 TTTAATGTA 4

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RESULT 2961

ABH62479 standard; DNA; 13 BP. ABH62479, 

ABH62479;

(first entry) 22-FEB-2002

Oligonucleotide SEQ ID NO 262456 for detecting SNP TSC0063663.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardicvascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 262456; 29pp + Sequence Listing; German.

This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABE9989, ABH00010-ABH99899 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published\_pct\_sequences

Sequence 13 BP; 8 A; 2 C; 0 G; 3 T; 0 U; 0 Other;

Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

947 GITTAATGT 955 4 GTTTAATGT 8 G

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ABC67774

ABC67774 standard; DNA; 13 BP.

ABC67774;

21-FEB-2002 (first entry)

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Oligonucleotide SEQ ID NO 67791 for detecting SNP TSC0017701.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

Berlin K; Olek A, Piepenbrock C,

(EPIG-) EPIGENOMICS AG.

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 67791; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99889 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published\_pot\_sequences 

Sequence 13 BP; 1 A; 1 C; 3 G; 7 T; 0 U; 1 Other;

Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels 921 TTGCCTTTTAT 931 ઠે

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ABC93386 standard; DNA; 13 2963 RESULT

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABF9989, ABF00010-ABF9989, ABH0010-ABH9999 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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06-APR-2001; 2001WO-IB000713.
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                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                       Oligonucleotide SEQ ID NO 93403 for detecting SNP TSC0023337.
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ABC69071 standard; DNA; 13
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                                                                                                                 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 tepseson the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                Claim 1; SEQ ID NO 102986; 29pp + Sequence Listing; German.
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Matches 9; Conservative
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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Sequence 13 BP; 3 A; 0 C; 5 G; 5 T; 0 U; 0 Other;
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;
                                                                                                          Oligonucleotide SEQ ID NO 63993 for detecting SNP TSC0016890.
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(EPIG-) EPIGENOMICS AG

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH0010-ABH99989 and ABI00010-ABI82073 tepseent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Matches 9; Conservative
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Igned to detect single-nucleotide polymorphisms and cytosine
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                                              ABF12492 standard; DNA; 13 BP
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Matches 9; Conservative
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                                                                                                                            This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99899, ABF00010-ABE99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                         Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                         Claim 1; SEQ ID NO 64265; 29pp + Sequence Listing; German.
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          Berlin K;
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          Olek A, Piepenbrock C,
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and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF0010-ABF9989, ABH0010-ABH99989 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fix. The sequence ftp.wipo.int/pub/published_pct_sequences
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Matches 9; Conservative
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                     12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Live 0; Mismatches 0; Indels
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central, nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                            Oligonucleotide SEQ ID NO 119047 for detecting SNP TSC0029722.
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ABF19050;
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ABF19050 standard; DNA; 13 BP.

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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                                                                                                                       This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The coligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                             06-APR-2001; 2001WO-IB000713.
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Best Local Similarity 100.
Matches 9, Conservative
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                                    This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at this pub/published_pct_sequences
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Claim 1; SEQ ID NO 119821; 29pp + Sequence Listing; German.
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Berlin K;

Piepenbrock C,

Olek A,

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SNP, single nucleotide polymorphism, human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the published pot_sequences
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                                                                                                           Sequence 13 BP; 2 A; 0 C; 3 G; 8 T; 0 U; 0 Other;
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100.0%; Pred. No. 1.5e+03;
ative 0; Mismatches 0;
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire wipo.int/pub/published_pct_sequences
                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                    Oligonucleotide SEQ ID NO 142129 for detecting SNP TSC0035599.
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ABF42132 standard; DNA; 13 BP.
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Oligonucleotide SEQ ID NO 195848 for detecting SNP TSC0048176.

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Query Match
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels

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                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 tepsesent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                Claim 1; SEQ ID NO 146741; 29pp + Sequence Listing; German.
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(EPIG-) EPIGENOMICS
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABI00010-ABF8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP, single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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to detect single-nucleotide polymorphisms and cytosine
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1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                 Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other;
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RESULT 2985

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretraeted genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pot_sequences
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                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 ABC09989, ABC090010-ABB9989 and ABIO010-ABB19989 and ABIO010-ABB19913 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                              This invention describes novel oligonucleotide primers or peptide nucleic
                                                                        oligonucleotides, useful for diagnosis and cell typing, is to detect single-nucleotide polymorphisms and cytosine
                                                                                                                                                                           Claim 1; SEQ ID NO 155293; 29pp + Sequence Listing; German.
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                                                                                                     designed to detect
methylation status
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1; Indels
12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; ive 1; Mismatches 1; Indels
                                   9; Conservative
                                                                  TITAATGIAIC 958
                                                                                                  TTTAAAGTATY 13
                   Local Similarity
                                                                   948
 Query Match
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Gaps

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                               Oligonucleotide SEQ ID NO 158423 for detecting SNP TSC0039887.
ABF58426 standard; DNA; 13 BP.
                                                                                                                                                  (first entry)
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06-APR-2001; 2001WO-IB000713 18-OCT-2001.

(EPIG-) EPIGENOMICS AG

Piepenbrock C, Olek A,

Berlin K;

Set of oligonucleotides, useful for diagnosis and cell typing, addesigned to detect single-nucleotide polymorphisms and cytosine methylation status. WPI; 2001-657177/75

Claim 1; SEQ ID NO 158423; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DMA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a

12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Query Match Best Local Similarity

Seguence 13 BP; 4 A; 3 C; 0 G; 6 T; 0 U; 0 Other;

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range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABF00010-ABH99989 and ABL00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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cytosine
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Pred. No. 1.5e+03;
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81.8%;
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tes 9; Conservative
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Page 1293

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(first entry)
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22-FEB-2002
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                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Mismatches
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Best Local Similarity 100.
Matches 9; Conservative
9; Conservative
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                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 191387 for detecting SNP TSC0047093
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABH00010-ABH99999 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; SEQ ID NO 257210; 29pp + Sequence Listing; German.
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DX SNP; Si:
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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine

Berlin K;

Piepenbrock C,

Olek A,

WPI; 2001-657177/75.

(EPIG-) EPIGENOMICS AG

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                                                                       This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at ftp.wipo.int/pub/published_pot_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                    Claim 1; SEQ ID NO 258361; 29pp + Sequence Listing; German.
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Matches 9; Conservative
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methylation status.
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Oligonucleotide SEQ ID NO 74260 for detecting SNP TSC0019094.
                                                                                             ABC74243 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                             Sequence 13 BP; 7 A; 3 C; 0 G; 3 T; 0 U; 0 Other;
data for this patent did not form part of the pass obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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This invention describes novel oligonucleotide primers or peptide nucleic acid (FNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, coinformers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF0010-ABF9989, ABH0010-ABF9989, abtoollo-ABF9989, ABH0010-ABF9989, and ABI00010-ABF8073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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                                                                               ber or oligonuclectides, useful for diagnosis and cell typing, idesigned to detect single-nuclectide polymorphisms and cytosine methylation status.
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                                                                                                                                                              Claim 1; SEQ ID NO 26277; 29pp + Sequence Listing; German.
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(EPIG-) EPIGENOMICS AG
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peptide nucleic acid, cytosine methylation, cardiovascular; primer, ss, central nervous system, gastrointestinal; respiratory; immune; metabolic.
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published_pct_sequences
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Sequence 13 BP; 6 A; 2 C; 0 G; 4 T; 0 U; 1 Other;

12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels 9; Conservative 948 TTTAATGTA 956 11 TTTAATGTA 3 Query Match Best Local Similarity Matches 9; Conserv ò ద

ABC76836 standard; DNA; 13 BP. ABC76836; 

Oligonucleotide SEQ ID NO 76853 for detecting SNP TSC0019632.

(first entry)

21-FEB-2002

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin Olek A, Piepenbrock C,

WPI; 2001-657177/75

Set of oligonuclectides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 76853; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, certical nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from wIPO at

Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

ö Gaps ö Indels Length 13; 12.3%; Score 9; DB 1; Leng 100.0%; Pred. No. 1.5e+03; iive 0; Mismatches 0; Best Local Similarity 100. Matches 9; Conservative 943 935 TCCTCTTCA Query Match ઠ

12 TCCTCTTCA 4

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RESULT 3001 ABC28050

ВЪ. ABC28050 standard; DNA; 13

ABC28050;

(first entry) 20-FEB-2002

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Oligonucleotide SEQ ID NO 28067 for detecting SNP TSC0007927.

SND; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG.

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 28067; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at 

Sequence 13 BP; 5 A; 0 C; 2 G; 5 T; 0 U; 1 Other;

; 0 12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; ive 1; Mismatches 1; Indels Query Match 12.3 Best Local Similarity 81.8 Matches 9; Conservative

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943 ATTGGTTTAAT 953 ATTGGTATAAY

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RESULT 3002

BP. DNA; 13 ABC04537/c ID ABC04537 standard;

195

ABC04537;

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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         This invention describes novel oligonucleotide primers or peptide nucleic
                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                       Oligonucleotide SEQ ID NO 4528 for detecting SNP TSC0001651.
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                                                      (first entry)
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 the represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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WO200177384-A2
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WPI; 2001-657177/75.

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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 6704; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at

Sequence 13 BP; 4 A; 2 C; 0 G; 7 T; 0 U; 0 Other;

Gaps ; 0 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Live 0; Mismatches 0; Indels Query Match 12.3 Best Local Similarity 100. Matches 9; Conservative

915 디 907 ATTITITI 3 ATTTTCTTT

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ABF11490 standard; DNA; 13 BP. ABF11490; 

(first entry) 21-FEB-2002 Oligonucleotide SEQ ID NO 111487 for detecting SNP TSC0027841.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

18-OCT-2001

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 111487; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The

oligomers are also used for detecting cell type differentiation. ABC0001C-ABC99989, ABF0010-ABF99989, ABH00010-ABH9989 and ABF00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form to fithe printed specification, but was obtained in electronic format from WIPO at fig. wipo.int/pub/published\_pct\_sequences 8888888

Sequence 13 BP; 8 A; 0 C; 3 G; 1 T; 0 U; 1 Other;

Gaps 0; Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

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3006 RESULT ВР. ABF12491 standard; DNA; 13

ABF12491;

21-FEB-2002

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(first entry)

Oligonucleotide SEQ ID NO 112488 for detecting SNP TSC0028130.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS

Berlin Olek A, Piepenbrock C,

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WPI; 2001-657177/75.

set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 112488; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo int/pub/published\_pct\_sequences 

Sequence 13 BP; 3 A; 5 C; 1 G; 4 T; 0 U; 0 Other;

Gaps ö Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels

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Oligonucleotide SEQ ID NO 118546 for detecting SNP TSC0029612.
                                                                           Homo sapiens.
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Matches
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                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                Oligonucleotide SEQ ID NO 90370 for detecting SNP TSC0022651.
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                                                                                       ABC90353 standard; DNA; 13 BP.
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ABF18549 standard; DNA; 13 BP.

RESULT 3008

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8 g 21-FEB-2002 (first entry)

ABF18549;

ABF18549 ID ABF1 XX AC ABF1 XX DT 21-F

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Local Similarity 100.0%; Pred. No. 1.5
hes 9; Conservative 0; Mismatches
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, azdiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic from WIPO at
                                                                                                                                                                           set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 119499; 29pp + Sequence Listing; German.
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                                                                                                              Berlin K;
                  07-APR-2000; 2000DE-01019173.
                                                                                                            Piepenbrock C,
                                                               (EPIG-) EPIGENOMICS AG
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Gaps ô 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels Local Similarity 100. Query Match Best Loc Matches

TTTAATGTA 956 TTTAATGTA 13 948 Ŋ

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ABF67571 standard; DNA; 13 BP ABF67571; RESULT 3010 ABF67571/ AC ABF6/ AC ABF6/ XX ABF6/ XX SNP; XX SNP; XX Gent XX Gent XX Homc YX Homc

(first entry) 22-FEB-2002

Oligonucleotide SEQ ID NO 167568 for detecting SNP TSC0041944.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at Claim 1; SEQ ID NO 167568; 29pp + Sequence Listing; German. ftp.wipo.int/pub/published\_pct\_sequences 

Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

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949 TTAATGTAT 957 11 TTAATGTAT 3 ò g

ABF93597 standard; DNA; 13 RESULT 3011 ABF93597 

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ABF93597;

22-FEB-2002 (first entry)

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Oligonucleotide SEQ ID NO 193594 for detecting SNP TSC0047627

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

ÅĞ. (EPIG-) EPIGENOMICS

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75

ligonuclectides, useful for diagnosis and cell typing, it detect single-nuclectide polymorphisms and cytosine Set of oligonucleotides, designed to detect singlemethylation status.

Claim 1; SEQ ID NO 193594; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 targesesnt the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at

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ABF95850;
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                                                                                                                                                                                                                                                                                     SNP, single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                              Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
                         Sequence 13 BP; 4 A; 3 C; 1 G; 5 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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ABF95850 standard; DNA; 13 BP.
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Matches 9; Conservative
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AC ABF9
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TTGGTTTAA 952 TTGGTTTAA 11

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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABF00010-ABF9989, ABF00010-ABF9998, ABF00010-ABF9998, ABF00010-ABF9998, ABF00010-ABF9998, ABF00010-ABF9999, ABF00010-ABF9998, ABF00010-A
                                                            cer or unigonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                    Claim 1; SEQ ID NO 222839; 29pp + Sequence Listing; German.
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  Piepenbrock C,
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                  Homo sapiens.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The
                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 222840 for detecting SNP TSC0054250,
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

07-APR-2000; 2000DE-01019173. 06-APR-2001; 2001WO-IB000713

WO200177384-A2

18-OCT-2001.

Homo sapiens

(EPIG-) EPIGENOMICS AG

Oligonucleotide SEQ ID NO 222839 for detecting SNP TSC0054250.

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oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The coligoners are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but firm wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP, single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                          12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Ative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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ive 1; Mismatches 1; Indels
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ber or oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

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Berlin

Olek A, Piepenbrock C,

(EPIG-) EPIGENOMICS

WPI; 2001-657177/75.

06-APR-2001; 2001WO-IB000713 07-APR-2000; 2000DE-01019173

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                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                 Oligonucleotide SEQ ID NO 212750 for detecting SNP TSC0051836.
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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to detect single-nucleotide polymorphisms and cytosine
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                                                                                                   Claim 1; SEQ ID NO 245582; 29pp + Sequence Listing; German
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                                methylation status
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and merabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF3073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but type int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989 and ABI00010-ABI82073

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 262455; 29pp + Sequence Listing; German.

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                                                                                                                                                                                                                                                                                       SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
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                                                                                                                                                                                                                                                Oligonucleotide SEQ ID NO 68290 for detecting SNP TSC0017818.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; 88; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99899, ABF00010-ABE99899, ABF00010-ABE99899 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0;
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                                                                                                                                                      Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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ABC47612 standard; DNA; 13 BP.
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                             (EPIG-) EPIGENOMICS AG.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABR00010-ABR9989, ABR00010-ABR9989 and ABI00010-ABR82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published\_pct\_sequences

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Oligonucleotide SEQ ID NO 72770 for detecting SNP TSC0018794.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine Claim 1; SEQ ID NO 72770; 29pp + Sequence Listing; German.

Claim 1; SEQ ID NO 47629; 29pp + Sequence Listing; German.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin

Olek A, Piepenbrock C,

18-OCT-2001,

WPI; 2001-657177/75.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and merabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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   ABC01413 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                   Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ABF01103 standard; DNA; 13 BP.
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Best Local Similarity 100...
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TTAATGTAT 1
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE9989, ABF00010-ABF9989, ABH00010-ABH99999 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                    Claim 1; SEQ ID NO 79156; 29pp + Sequence Listing; German.
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WPI; 2001-657177/75.
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 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABF9989 and ABI00010-ABF80013 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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ABC79139 standard; DNA; 13 BP.
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ABC90351 standard; DNA; 13

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ABC90351;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE09989, ABF00100-ABE9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABE9989, ABF00010-ABE9989, ABF00010-ABE19989, ABF00010-ABE19989, ABF00010-ABE182073 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; 88; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                              Oligonucleotide SEQ ID NO 90368 for detecting SNP TSC0022651.
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1D ABF19503 standard, DNA; 13

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AC ABF19503;

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DT 21-FEB-2002 (first entry)
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Matches 9; Conservative
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Gaps

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Query Match 12.3 Best Local Similarity 100. Matches 9; Conservative

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                     Oligonucleotide SEQ ID NO 119500 for detecting SNP TSC0029834.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Claim 1; SEQ ID NO 119500; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                        (EPIG-) EPIGENOMICS AG
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                                                                                                                                          Homo sapiens
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 thereases the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but they wispoint/pub/published\_pct\_sequences

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

methylation status.

(EPIG-) EPIGENOMICS

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173 Claim 1; SEQ ID NO 133094; 29pp + Sequence Listing; German.

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Gaps

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12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; Live 1; Mismatches 1; Indels

Local Similarity 81.8 les 9, Conservative 908 TITICITIGGT 918

Matches

Query Match

Sequence 13 BP; 8 A; 4 C; 0 G; 0 T; 0 U; 1 Other;

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WO200177384-A2
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          ABF39141;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Live 0; Mismatches 0; Indels
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ABF33097 standard; DNA; 13 BP.
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WO200177384-A2

18-OCT-2001

Homo sapiens

ABF33097

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                       Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                       Oligonucleotide SEQ ID NO 139138 for detecting SNP TSC0034852.
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                                                                                ABF39141 standard; DNA; 13
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            11 TTTTGTTTGGY 1
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                                                          RESULT 3038
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Gaps

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Score 9; DB 1; Length 13; Pred. No. 1.5e+03; 1; Mismatches 1; Indels

12.3%;

Query Match
Best Local Similarity 81.8
Matches 9; Conservative

947 GITTAATGTAT 957

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||||| ||||| 11 GTTTAGTGTAY 1

Sequence 13 BP; 6 A; 4 C; 0 G; 2 T; 0 U; 1 Other;

was obtained in electronic format from WIPO at ftp.wipo.int/pub/published\_pct\_sequences

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form mar of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Oligonucleotide SEQ ID NO 145490 for detecting SNP TSC0036633.
          Claim 1; SEQ ID NO 139138; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                             12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                       Sequence 13 BP; 2 A; 8 C; 0 G; 3 T; 0 U; 0 Other;
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ABF45493 standard; DNA; 13 BP.
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Best Local Similarity 100...
Pest Socal Similarity 100...
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 173036 for detecting SNP TSC0005233.

22-FEB-2002 (first entry)

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Gaps

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ABF73039;

ABF73039 standard; DNA; 13 BP,

RESULT 3040

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status. Berlin K; 07-APR-2000; 2000DE-01019173. 06-APR-2001; 2001WO-IB000713

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin K;

Olek A, Piepenbrock C,

WPI; 2001-657177/75.

(EPIG-) EPIGENOMICS AG

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

WO200177384-A2. Homo sapiens.

18-OCT-2001.

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Best Local Similarity
Matches 9; Conserv
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Claim 1; SEQ ID NO 145490; 29pp + Sequence Listing; German.

central nervous system; gastrointestinal; respiratory; immune; metabolic.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75.

methylation status.

(EPIG-) EPIGENOMICS AG

06-APR-2001; 2001WO-IB000713 07-APR-2000; 2000DE-01019173

WO200177384-A2 Homo sapiens.

18-OCT-2001

Claim 1; SEQ ID NO 150731; 29pp + Sequence Listing; German.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABH00010-ABH99889 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                        Oligonucleotide SEQ ID NO 199176 for detecting SNP TSC0049015.
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ABF99179 standard; DNA; 13 BP.
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                                                                        (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity
Matches 9; Conserv
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ABF52509/c
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Gaps

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Conservative

Matches

948 TITAATGIA 956 TTTAATGTA 5

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

Oligonucleotide SEQ ID NO 150731 for detecting SNP TSC0038032.

21-FEB-2002 (first entry)

ABF50734;

ABF50734 standard; DNA; 13 BP.

RESULT 3042

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from wIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SNP, single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                  Claim 1; SEQ ID NO 152506; 29pp + Sequence Listing; German.
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              Berlin K;
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                Olek A, Piepenbrock C,
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                                                 WPI; 2001-657177/75
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Best Local Similarity
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal respiratory, cardiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABIC0010-ABI82073 represent the oligomers described in the invantion. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastroinfestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but kep. wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; SS; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 1.5
Matches 9; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                12.3%; Score 9; DB 1; Ler 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0;
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Query Match
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9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 capeseen the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                        Oligonucleotide SEQ ID NO 184614 for detecting SNP TSC0008611.
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ABF84617 standard; DNA; 13 BP.

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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; attive 0; Mismatches 0; Indels

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE99989, ABF00010-ABE99989, ABF00010-ABE99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPD at
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set or oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                    Claim 1; SEQ ID NO 187721; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF0010-ABF9989, ABH0010-ABF9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic form at from MIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                            12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels
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                                                                                                          Sequence 13 BP; 4 A; 0 C; 9 G; 0 T; 0 U; 0 Other;
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ABH15416 standard; DNA; 13 BP.
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Matches 9; Conserv
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                           Oligonucleotide SEQ ID NO 249610 for detecting SNP TSC0060979.
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RESULT 3052
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Query Match

Matches

oligonucleotides, useful for diagnosis and cell typing, is ed to detect single-nucleotide polymorphisms and cytosine

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

designed to detect methylation status.

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            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                    This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE09989, ABF00010-ABE99989 and ABI00010-ABE3003 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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Claim 1; SEQ ID NO 93404; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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RESULT 3058

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                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                  Oligonucleotide SEQ ID NO 28809 for detecting SNP TSC0008389.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                              Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                    Claim 1; SEQ ID NO 5624; 29pp + Sequence Listing; German.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels Conservative 944 TIGGITIAA 952 TTGGTTTAA 1 Local Similarity . б Query Match Matches ò g

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Oligonucleotide SEQ ID NO 7076 for detecting SNP TSC0002095. ABC07085 standard; DNA; 13 BP 20-FEB-2002 ABC07085; 

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-OCT-2001.

07-APR-2000; 2000DE-01019173

06-APR-2001; 2001WO-IB000713.

(EPIG-) EPIGENOMICS AG

Berlin K; Piepenbrock C, olek A,

WPI; 2001-657177/75

ligonuclectides, useful for diagnosis and cell typing, : to detect single-nuclectide polymorphisms and cytosine Set of oligonucleotides, designed to detect single methylation status.

Claim 1; SEQ ID NO 7076; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nucleotide polyworphisms (SMP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a

ö range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The coligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps ö Oligonucleotide SEQ ID NO 7430 for detecting SNP TSC0002158. DB 1; Length 13; 0; Indels Sequence 13 BP; 4 A; 1 C; 0 G; 8 T; 0 U; 0 Other; 'Match
Local Similarity 100.0%; Pred. No. 1.5e+03;
les 9; Conservative 0; Mismatches 0; was obtained in electronic format from WI ftp.wipo.int/pub/published\_pct\_sequences Berlin K; 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173. ABC07439 standard; DNA; 13 20-FEB-2002 (first entry) Piepenbrock C, 915 (EPIG-) EPIGENOMICS AG Ħ WPI; 2001-657177/75 907 ATTITITI WO200177384-A2 Homo sapiens ABC07439; Query Match Olek A, RESULT 3062 Best Loca Matches 8888888888 ð 

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other; was obtained in electronic format from W1 ftp.wipo.int/pub/published\_pct\_sequences

12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Query Match Best Local Similarity

oligonucleotides, useful for diagnosis and cell typing, ied to detect single-nucleotide polymorphisms and cytosine

claim 1; SEQ ID NO 7430; 29pp + Sequence Listing; German.

methylation status.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, azdiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic formmat from WIPO at
                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                       Oligonucleotide SEQ ID NO 32682 for detecting SNP TSC0010212.
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Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                            oligonucleotides, useful for diagnosis and cell typing, and to detect single-nucleotide polymorphisms and cytosine
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Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI32073 the represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                       Claim 1; SEQ ID NO 10626; 29pp + Sequence Listing; German.
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                                                                                                           Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 81.8%; Pred. No. 1.5e+03; Matches 9; Conservative 1; Mismatches 1; Indels
                                                                         Sequence 13 BP; 6 A; 4 C; 1 G; 1 T; 0 U; 1 Other;
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                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                      Oligonucleotide SEQ ID NO 37572 for detecting SNP TSC0011694.
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ABC37555 standard; DNA; 13
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                                                                   (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                 (EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      designed to detect methylation status.
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es 9; Conserv
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                                                                                                                                                                                                          Homo sapiens.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels

Conservative

Best Local Similarity Matches 9; Conserv

Query Match

957 TCGCTACCA 965 TCGCTACCA 1

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acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABCC0010-ABF09989, ABF00010-ABF9989 and ABI00010-ABF80011 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from WIPO at the printed specification, but the wipo.int/pub/published_pct_sequences
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                                                                                                                                                                             This invention describes novel oligonucleotide primers or peptide nucleic
                                                                      set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                  Claim 1; SEQ ID NO 64919; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                                                                                                                                             Sequence 13 BP; 3 A; 1 C; 2 G; 6 T; 0 U; 1 Other;
                           Berlin K;
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                            Piepenbrock C,
(EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
peptide nucleic acid, cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                   Claim 1; SEQ ID NO 87525; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; trive 0; Mismatches 0; Indels
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Best Local Similarity
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                                                                           WO200177384-A2
                                                Homo sapiens
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Match 12.3%; Score 9; DB 1; Length 13; Local Similarity 81.8%; Pred. No. 1.5e+03; les 9; Conservative 1; Mismatches 1; Indels
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Length 13;

ö ö This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and oytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC09989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABF32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; 88; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps Gaps Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status. ö .; 0 Oligonucleotide SEQ ID NO 167620 for detecting SNP TSC0041952 Claim 1; SEQ ID NO 167620; 29pp + Sequence Listing; German. Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 0; Indels Sequence 13 BP; 2 A; 4 C; 0 G; 7 T; 0 U; 0 Other; 12.3%; Score 9; DB 1; Let 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; 꿌 Berlin ABF67623 standard; DNA; 13 BP. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173 (first entry) Query Match
Best Local Similarity 100.
Matches 9; Conservative Olek A, Piepenbrock C, (EPIG-) EPIGENOMICS AG 927 TTTATCCCT 935 924 CCTTTTATC 932 TTTATCCCT 11 WPI; 2001-657177/75. WO200177384-A2. Homo sapiens. 22-FEB-2002 18-OCT-2001 ABF67623; m 3074 ABF67623 RESULT g à g

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form mart of the printed specification, but was obtained in electronic format from WIPO at acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers ealso used for detecting cell type differentiation. ABCC0010-ABE99889, ABE00010-ABE99899, ABM00010-ABE99989, ABM00010-ABE99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form par of the printed specification, but was obtained in electronic format from WIPO at SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. 0; Gaps . 13 set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. Oligonucleotide SEQ ID NO 137414 for detecting SNP TSC0034333. Claim 1; SEQ ID NO 137414; 29pp + Sequence Listing; German. 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other; Sequence 13 BP; 1 A; 5 C; 0 G; 7 T; 0 U; 0 Other; Berlin K; ABF37417 standard; DNA; 13 BP. 07-APR-2000; 2000DE-01019173. 06-APR-2001; 2001WO-IB000713 (first entry) 9; Conservative Olek A, Piepenbrock C, 926 TITTATCCC 934 (EPIG-) EPIGENOMICS AG TTTTATCCC 5 WPI; 2001-657177/75 Query Match Best Local Similarity Matches 9; Conserv WO200177384-A2 Homo sapiens 21-FEB-2002 18-OCT-2001 ABF37417; 13 3073 RESULT 30
APP 374117
APP 374117
APP 374117
APP 374117
APP 374117
APP 31-F
A

ABF69143/c ID ABF69143 standard; DNA; 13 RESULT 3075

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                     Oligonucleotide SEQ ID NO 169140 for detecting SNP TSC0042261.
                                                                                                                                                                                                                                                                                                                                    Claim 1; SEQ ID NO 169140; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                 Berlin K;
                                                                                                                                                                                  06-APR-2001; 2001WO-IB000713.
                                                                                                                                                                                                       07-APR-2000; 2000DE-01019173
                              22-FEB-2002 (first entry)
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                                                                                                                    Homo sapiens
                                                                                                                                                             18-OCT-2001.
           ABF69143;
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Matches
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but typo.int/pub/published\_pct\_sequences

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine

methylation status.

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

06-APR-2001; 2001WO-IB000713.

WO200177384-A2

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Claim 1; SEQ ID NO 219758; 29pp + Sequence Listing; German.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; rative 0; Mismatches 0; Indels

9; Conservative

Best Local Similarity

Matches

Query Match

944 TIGGITIAA 952

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Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

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12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; ive 1; Mismatches 1; Indels
                                                             945 TGGTTTAATGT 955
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 170314 for detecting SNP TSC0042509.

ABF70317 standard; DNA; 13 BP.

RESULT 3077

ABF70317

22-FEB-2002 (first entry)

ABF70317;

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Oligonucleotide SEQ ID NO 219758 for detecting SNP TSC0053464.
                                     ABH19781 standard; DNA; 13 BP.
                                                                 22-FEB-2002 (first entry)
11 TGATTTAATGY
                                                   ABH19781;
                      RESULT 3076
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Berlin K;
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Homo sapiens

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173

WO200177384-A2 18-OCT-2001.

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Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

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Claim 1; SEQ ID NO 170314; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at

Sequence 13 BP; 1 A; 6 C; 0 G; 5 T; 0 U; 1 Other;

Gaps ö 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels Query Match
Best Local Similarity 100.

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ABF70798 standard; DNA; 13 BP. (first entry) 22-FEB-2002 ABF70798; 

Oligonucleotide SEQ ID NO 170795 for detecting SNP TSC0042607.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 170795; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The

oligomers are also used for detecting cell type differentiation. ABC00010 -ABC99989, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published\_pct\_sequences 8888888888

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74.24.44

Sequence 13 BP; 5 A; 0 C; 2 G; 6 T; 0 U; 0 Other;

Gaps . 0 Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

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948 TTTAATGTA 956 TTTAATGTA 10

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3079 ABF46238 RESULT

ABF46238 standard; DNA; 13 BP.

21-FEB-2002 (first entry)

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Oligonucleotide SEQ ID NO 146235 for detecting SNP TSC0036844.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

Olek A, Piepenbrock C, (EPIG-) EPIGENOMICS AG.

ĸ Berlin

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. 

Claim 1; SEQ ID NO 146235; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at

Sequence 13 BP; 4 A; 0 C; 4 G; 5 T; 0 U; 0 Other;

Gape .. 0 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels Query Match
Best Local Similarity 100.C

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine
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Oligonucleotide SEQ ID NO 174094 for detecting SNP TSC0043318.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Claim 1; SEQ ID NO 174094; 29pp + Sequence Listing; German
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovaecular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC09010-ABE9989, ABF00010-ABE9989, ABF00010-ABE9989, ABF00010-ABE9989, and ABI00010-ABI82073 fare for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                          07-APR-2000; 2000DE-01019173.
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                                 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Claim 1; SEQ ID NO 226143; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and oytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but typ.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                 SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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ABH06168 standard; DNA; 13 BP.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The
                                                                                                                                                                                                                       This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABE99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but twipo.int/pub/published_pct_sequences
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                                                                                   Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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Olek A, Piepenbrock C,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13;

Sequence 13 BP; 2 A; 3 C; 0 G; 7 T; 0 U; 1 Other;

Query Match

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Mismatches 0;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE09989, ABF00010-ABE99989, ABH00010-ABE99989 and ABI00010-ABE32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                    Oligonucleotide SEQ ID NO 257209 for detecting SNP TSC0007705.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, aradiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989 and ABI00010-ABI82073
                                                                                                 This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two, wipo.int/pub/published_pct_sequences
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designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                Claim 1; SEQ ID NO 94543; 29pp + Sequence Listing; German.
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represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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7. 0; Indels
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                                                                                                                                 Length 13;
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                                                                                            Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
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12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 1.:
Matches 9; Conservative 0; Mismatches
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                         Claim 1; SEQ ID NO 6452; 29pp + Sequence Listing; German.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                        Homo sapiens.
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                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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ABC28051 standard; DNA; 13 BP.
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Best Local Similarity 81.0-
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   TATCGCTAC 13
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligoners are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABE99899, ABF00010-ABE99899 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
                                                                                                                                                                                                                             Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                   Piepenbrock C,
                                 (EPIG-) EPIGENOMICS AG.
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. 0 Oligonucleotide SEQ ID NO 56932 for detecting SNP TSC0015407. 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels ABC56915 standard; DNA; 13 BP (first entry) 9; Conservative 905 TCATTTTCT 913 Local Similarity

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. WPI; 2001-657177/75

Berlin K;

Piepenbrock C,

Olek A,

Claim 1; SEQ ID NO 56932; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH0010-ABH9989 and ABI0010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at ö This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Gaps Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status. ; 0 Oligonucleotide SEQ ID NO 83143 for detecting SNP TSC0020967 Claim 1; SEQ ID NO 83143; 29pp + Sequence Listing; German. 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels Sequence 13 BP; 7 A; 1 C; 0 G; 5 T; 0 U; 0 Other; was obtained in electronic format from W1 ftp.wipo.int/pub/published\_pct\_sequences Berlin K; BP. 06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173 ABC83126 standard; DNA; 13 (first entry) Best Local Similarity 100. Matches 9; Conservative Olek A, Piepenbrock C, 948 TTTAATGTA 956 (EPIG-) EPIGENOMICS AG 11 TTTAATGTA 3 WPI; 2001-657177/75 WO200177384-A2 Homo sapiens. 21-FEB-2002 18-OCT-2001. ABC83126; Query Match RESULT 3101 ద 88888888888888888 8

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(first entry)

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABF00010-ABF99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pot_sequences
                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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      ABC10634 standard; DNA; 13 BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                   Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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   Sequence 13 BP; 5 A; 0 C; 3 G; 4 T; 0 U; 1 Other;
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Berlin K;

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                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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ABC61055 standard; DNA; 13 BP.
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RESULT 3103 ABC10634

WPI; 2001-657177/75.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but fire wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                 Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                  06-APR-2001; 2001WO-IB000713.
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                                                                                                                                                                                                                        Piepenbrock C,
                                                                                                                                                                                 (EPIG-) EPIGENOMICS AG
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                   WO200177384-A2
                                                           18-OCT-2001
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0; Gaps 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels Local Similarity 100. nes 9; Conservative 948 TTTAATGTA 956 Query Match ઠે

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TTTAATGTA 4 12 셤

ABC87509 standard; DNA; 13 BP. ABC87509; RESULT 3105

21-FEB-2002 (first entry) 

Oligonucleotide SEQ ID NO 87526 for detecting SNP TSC0022011.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Olek A, Piepenbrock C, Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The coligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The coligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                             oligonucleotides, useful for diagnosis and cell typing, :
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                                                                                                           Claim 1; SEQ ID NO 87526; 29pp + Sequence Listing; German.
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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                           methylation status.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99899, ABF00100-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF0010-ABF99889, ABF0010-ABF99889 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fig. wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH0010-ABH99989 and ABI00010-ABI2073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP, single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity 81.8%;
Matches 9; Conservative
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ABF15156
ID ABF15156
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AC ABF15156
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DT 21-FEB-2
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Query Match
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels

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                                                                       07-APR-2000; 2000DE-01019173.
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ABF22308 standard; DNA; 13
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Piepenbrock C,

12.3%; 81.8%;

(first entry)

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 capeseen the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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06-APR-2001; 2001WO-IB000713.
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                                                                                                                                                                                                                                                                                         methylation status.
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                                                                                                                                           olek A,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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                 Oligonucleotide SEQ ID NO 115153 for detecting SNP TSC0028850,
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Pred. No. 1.5e+03;
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Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABE99989, ABH00010-ABH99989 and ABI00010-ABH32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                       Claim 1; SEQ ID NO 126002; 29pp + Sequence Listing; German.
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Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels
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was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC009989, ABF00010-ABF99899, ABF00010-ABF99899, ABF00010-ABF99899, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from wipo at the printed specification, but the wipo int/pub/published_pct_sequences
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central nervous system; gastrointestinal; respiratory; immune; metabolic
                                                                                                                                                                                                                                                                                                                                                                                                  Set of oligonucleotides, useful for diagnosis and cell typing, i
designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABI00010-ABF8073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                        Oligonucleotide SEQ ID NO 194864 for detecting SNP TSC0005457.
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                                                                           ABF94867 standard; DNA; 13 BP.
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Query Match

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                     Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Oligonucleotide SEQ ID NO 197549 for detecting SNP TSC0008772.
                                                                                                                                       Claim 1; SEQ ID NO 146623; 29pp + Sequence Listing; German.
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              Berlin K;
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RTTTAATCTAT 3
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              Piepenbrock
                                            WPI; 2001-657177/75.
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and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABCOO10-ABCS9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00010-ABF800010 represent the oligomers described in the invention. NOTE: The sequence was obtained in electronic format from MIPO at ftp.wipo.int/pub/published_pct_sequences
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Sequence 13 BP; 3 A; 0 C; 3 G; 6 T; 0 U; 1 Other;

Gaps . 0 Score 9; DB 1; Length 13; Pred. No. 1.5e+03; 1; Mismatches 1; Indels Query Match
Best Local Similarity 81.8%;
Matches 9; Conservative

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ო 3118 RESULT ABF99610 standard; DNA; 13 BP.

ABF99610;

(first entry) 22-FEB-2002

Oligonucleotide SEQ ID NO 199607 for detecting SNP TSC0049105.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG.

Berlin Olek A, Piepenbrock C,

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WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 199607; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABE9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at fit, wipo.int/pub/published\_pct\_sequences 

Sequence 13 BP; 3 A; 0 C; 3 G; 7 T; 0 U; 0 Other;

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

Claim 1; SEQ ID NO 197549; 29pp + Sequence Listing; German.

ber or oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

WPI; 2001-657177/75.

21-FEB-2002

ABF50938

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Olek A,

RESULT 31

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ABF50938

AC ABF5

AC ABF6

RESULT 3120 ABF83105/ ID ABF8 XX

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99999, ABH00010-ABH99999 and ABI00010-ABI822073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Set of oligonucleotides, useful for diagnosis and cell typing, i
designed to detect single-nucleotide polymorphisms and cytosine
                                                                                      Oligonucleotide SEQ ID NO 183102 for detecting SNP TSC0010528.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                            0; Indels
12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; Live 0; Mismatches 0; Indels
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Query Match 12.3
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Matches 9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                   Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                                                                                                                                               Claim 1; SEQ ID NO 208389; 29pp + Sequence Listing; German.
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                  18-OCT-2001
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels 945 TGGTTTAAT 953 à

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ABF83319 standard; DNA; 13 BP. (first entry) 22-FEB-2002 ABF83319; RESULT 3122 ABF83319, 

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Oligonucleotide SEQ ID NO 183316 for detecting SNP TSC0045259.

Homo sapiens

WO200177384-A2.

18-OCT-2001

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG.

Berlin Olek A, Piepenbrock C,

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WPI; 2001-657177/75

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 183316; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but they wipo int/pub/published\_pct\_sequences ###X@X000000000000X@

Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;

Gaps ; Query Match
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels

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944 TIGGTITAA 952 Ŋ 13 TTGGTTTAA

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427/c ABF58427 standard; DNA; 13 RESULT 3123

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21-FEB-2002 (first entry) ABF58427;

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Gaps

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Oligonucleotide SEQ ID NO 158424 for detecting SNP TSC0039887.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

AG. (EPIG-) EPIGENOMICS Olek A, Piepenbrock C,

Berlin K;

WPI; 2001-657177/75

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 158424; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for disponsis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 ABF 58427/
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
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-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIFO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                       Oligonucleotide SEQ ID NO 233644 for detecting SNP TSC0057028.
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                                                                                                                                                                            1; Indels
                                                                                                                                        DB 1; Length 13;
1.5e+03;
                                                                                                       Sequence 13 BP; 9 A; 3 C; 0 G; 0 T; 0 U; 1 Other;
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Pred. No. 1.5e4
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81.8%;
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Best Local Similarity 81.0
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABC0010-ABF9989, ABH0010-ABH99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                 Oligonucleotide SEQ ID NO 211218 for detecting SNP TSC0051533.
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                              ABH11241 standard; DNA; 13
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Conservative

Query Match Best Local Similarity

Oligonucleotide SEQ ID NO 213682 for detecting SNP TSC0052028

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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; vative 0; Mismatches 0; Indels

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            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity 100.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at

Sequence 13 BP; 2 A; 3 C; 0 G; 8 T; 0 U; 0 Other;

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onucleotides, useful for diagnosis and cell typing, idetect single-nucleotide polymorphisms and cytosine

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Berlin

Piepenbrock C,

olek A,

WPI; 2001-657177/75.

designed to detect methylation status.

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07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS

Claim 1; SEQ ID NO 188640; 29pp + Sequence Listing; German.

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Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ID ABF65949 standard; DNA; 13
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclocides are used for disagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABC0010-ABS9989, ABH0010-ABH99989 and ABI00010-ABI82073. represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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               This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
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                                  Length 13;
Sequence 13 BP; 3 A; 3 C; 0 G; 7 T; 0 U; 0 Other;
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                              Query Match
12.3%; Score 9; DB 1; Ler
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0;
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RESULT 3131

Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABF99899 and ABI00010-ABI82073 the prepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                       Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                                                                                                                                                                            Claim 1; SEQ ID NO 262962; 29pp + Sequence Listing; German.
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                                                                                                               06-APR-2001; 2001WO-IB000713.
                                                                                                                                               07-APR-2000; 2000DE-01019173.
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           Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                            Oligonucleotide SEQ ID NO 248140 for detecting SNP TSC0060641.
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ABH62985 standard; DNA; 13 BP.
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Matches
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                      Oligonucleotide SEQ ID NO 95143 for detecting SNP TSC0023695.
                                                                                                                                                                                                                                                                  Berlin K;
                                                                                                                                                                                              06-APR-2001; 2001WO-IB000713
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                                 (first entry)
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Page 1352

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABC0010-ABE9989, ABC0010-ABE9989, and ABI00010-ABE82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but two obtained in electronic format from WIPO at the printed specification, but ftp.wipo.int/pub/published_pct_sequences
                                                                     Claim 1; SEQ ID NO 95143; 29pp + Sequence Listing; German.
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methylation status
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Oligonucleotide SEQ ID NO 95144 for detecting SNP TSC0023695.
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ABC95127 standard; DNA; 13 BP.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

18-OCT-2001

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K;

Piepenbrock C,

Set of oligonucleotides, useful for diagnosis and cell typing, addesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 95144; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nuclectide polymorphisms (GNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a

12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Query Match Best Local Similarity

Sequence 13 BP; 3 A; 0 C; 2 G; 8 T; 0 U; 0 Other;

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range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00101-ABC99989, ABF00010-ABF9989 and ABF00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP, single mucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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(first entry)

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                   Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                    Oligonucleotide SEQ ID NO 49191 for detecting SNP TSC0013944.
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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9; Conservative
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Berlin K;

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                                                                                                                                                                                                                                           Oligonucleotide SEQ ID NO 74810 for detecting SNP TSC0019217.
12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels
                                                                                                                                                        ABC74793 standard; DNA; 13 BP.
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                                                        948 TITAATGIA 956
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Gaps

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0; Indels

0; Mismatches

907 ATTTTCTTT 915

12 ATTTTCTTT 4

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ABC49174 standard; DNA; 13 BP.

ABC49174 RESULT 3137
ABC49174
ID ABC49174
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AC ABC49174
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 ABE9989, ABF0010-ABF9989, ABH0010-ABF99999 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                      ligonucleotides, useful for diagnosis and cell typing, is to detect single-nucleotide polymorphisms and cytosine
                                                                                                                                                                                                                                                                                                          Claim 1; SEQ ID NO 74810; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ftp.wipo.int/pub/published_pct_sequences
                 06-APR-2001; 2001WO-IB000713.
                                                           07-APR-2000; 2000DE-01019173
                                                                                                                                                                                                                           Set of oligonucleotides,
                                                                                                                                            Piepenbrock C,
                                                                                                    (EPIG-) EPIGENOMICS AG
                                                                                                                                                                                 WPI; 2001-657177/75
                                                                                                                                                                                                                                                   designed to detect methylation status.
                                                                                                                                            olek A,
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Berlin K;

ö Gaps ö 0; Indels Length 13; Sequence 13 BP; 6 A; 2 C; 0 G; 5 T; 0 U; 0 Other; 12.3%; Score 9; DB 1; Ler 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Conservative Local Similarity les 9; Conserv Query Match Matches

949 TTAATGTAT 957 TTAATGTAT 4 12 ò g

ABC01412 standard; DNA; 13 BP. 

ABC01412;

20-FEB-2002 (first entry)

Oligonucleotide SEQ ID NO 1403 for detecting SNP TSC0000499.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

18-OCT-2001.

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Piepenbrock C, olek A,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH0010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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                        Claim 1; SEQ ID NO 1403; 29pp + Seguence Listing; German.
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                                                                                                                                                                                                                              Sequence 13 BP; 5 A; 0 C; 1 G; 7 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                          ABC06460 standard; DNA; 13 BP.
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methylation status.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Oligonucleotide SEQ ID NO 6451 for detecting SNP TSC0001985.

Homo sapiens.

WO200177384-A2.

18-OCT-2001.

36-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Piepenbrock C, olek A,

WPI; 2001-657177/75

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 6451; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE09989, ABE00010-ABE99989, ABE00010-ABE99989, ABE00010-ABE99989 and ABI00010-ABE3073 represent the oligomers described in the invention. NOTE: The sequence

BP.

(first entry)

88838

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                   Oligonucleotide SEQ ID NO 57732 for detecting SNP TSC0015557.
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                                                                                                                ABC57715 standard; DNA; 13
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                                                           RESULT 3142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oligonucleotide SEQ ID NO 6703 for detecting SNP TSC0002033.
                                                                                                                                                                Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                           0; Indels
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                                                                                                                Sequence 13 BP; 3 A; 0 C; 2 G; 7 T; 0 U; 1 Other;
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ABC06712 standard; DNA; 13 BP.
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                                                                                                                                                                                                                                                                                   948 TTTAATGTA 956
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ABC 06
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No: 1.5e+03; ive 0; Mismatches 0; Indels
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Best Local Similarity 100.
Matches 9; Conservative
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ID ABC
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AC ABC
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9; Conservative

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Query Match

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
acid; cytosine methylation; cardiovascular; primer; ss; system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                        Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                   Berlin K;
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                                                                                                                                             (EPIG-) EPIGENOMICS AG
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nes 9; Conserv
 peptide nucleic
central nervous
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                                   Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                                                                Claim 1; SEQ ID NO 88456; 29pp + Sequence Listing; German.
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100.0%; Pred. No. 1.5e+03;
ative 0; Mismatches 0;
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                                                          Berlin K;
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(EPIG-) EPIGENOMICS AG.
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                                                             Piepenbrock
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                                                             olek A,
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ID ABC
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This invention describes novel oligonucleotide primers or peptide nucleic

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but fire wipo.int/pub/published_pct_sequences
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and range of diseases including immune system, gastrointestinal, respiratory central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC099889, ABC0010-ABE09989, ABR00010-ABE9988, ABR00010-ABH99989 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form par of the printed specification, but the was obtained in electronic format from WIPO at fire printed specification, but fire wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oligonucleotide SEQ ID NO 115152 for detecting SNP TSC0028850.
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                                                                                                                                                                                                                                                                                                         Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                 Sequence 13 BP; 1 A; 1 C; 0 G; 10 T; 0 U; 1 Other;
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                                                                                                                                                                                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                            Oligonucleotide SEQ ID NO 126001 for detecting SNP TSC0031524.
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     Length 13;
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Score 9; DB 1; Le
Pred. No. 1.5e+03;
1; Mismatches 1;
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ilarity 81.8%;
Conservative
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ABF27636
ID ABF27636 standard; DNA; 13
                                                                                                                                                                              ABF26004 standard; DNA; 13
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                                                                908 TTTTCTTTGGT 918
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                                                                                     11 TTTTATTTGGY 1
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic from wip or
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                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                     Oligonucleotide SEQ ID NO 127633 for detecting SNP TSC0031952.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Oligonucleotide SEQ ID NO 139137 for detecting SNP TSC0034852.
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ABF39140 standard; DNA; 13 BP.
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                                                   (first entry)
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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                                                                                                                                                         Piepenbrock C,
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WPI; 2001-657177/75

Homo sapiens

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                             Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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oligomers are also used for detecting cell type differentiation. ABC00010
-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073
represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fig. wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                       Score 9; DB 1; Length 13; Pred. No. 1.5e+03; 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                          Sequence 13 BP; 7 A; 2 C; 0 G; 3 T; 0 U; 1 Other;
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Best Local Similarity 81.8%;
Matches 9; Conservative 1
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RESULT 3153

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central, nervous system, cardiovascular and merabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABF99989, ABH0010-ABF99989, ABH0010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but the wipo int/pub/published_pct_sequences
                                        SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
Oligonucleotide SEQ ID NO 232666 for detecting SNP TSC0056735.
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nes 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                                   (EPIG-) EPIGENOMICS AG
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                                                                                                                                           Homo sapiens.
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                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                  Oligonucleotide SEQ ID NO 156726 for detecting SNP TSC0006978
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                                                                                                                                                              ABF56729 standard; DNA; 13 BP
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                                                                                                                                                                                                                                                         (first entry)
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    957 TCGCTACCA 965
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                                             TCGCTACCA 1
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Best Local Similarity
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Gaps

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
Oligonucleotide SEQ ID NO 183315 for detecting SNP TSC0045259.
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ABH32689,

ABH32689/c
ID ABH32
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AC ABH32
XX
DT 22-FI

RESULT 3154

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Matches

schultz1-899.rng

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 represent the oligomers described in the invention. NOTE: The sequence data for this patent din obt form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                  Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                                                                                        Claim 1; SEQ ID NO 183315; 29pp + Sequence Listing; German.
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                                                                                                     Berlin K;
                    07-APR-2000; 2000DE-01019173
                                                                                                     Olek A, Piepenbrock C,
                                                          (EPIG-) EPIGENOMICS AG
                                                                                                                                              WPI; 2001-657177/75.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels Local Similarity 100. 944 TTGGTTTAA 952 Query Match Matches

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ABF91580 standard; DNA; 13 BP. ABF91580; RESULT 3156 

(first entry) 22-FEB-2002 Oligonucleotide SEQ ID NO 191577 for detecting SNP TSC0047142.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2

18-CCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
Claim 1; SEQ ID NO 191577; 29pp + Sequence Listing; German.
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Sequence 13 BP; 6 A; 0 C; 1 G; 6 T; 0 U; 0 Other;

Gaps ; 0 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; live 0; Mismatches 0; Indels 9; Conservative Best Local Similarity Matches 9; Conserv Query Match

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RESULT 3157 ABH61884/c

ABH61884 standard; DNA; 13 BP. 

ABH61884;

(first entry) 22-FEB-2002

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Gaps

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Oligonucleotide SEQ ID NO 261861 for detecting SNP TSC0063535.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75

set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 261861; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99999, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at

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ABC43716

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                         Oligonucleotide SEQ ID NO 69634 for detecting SNP TSC0018115.
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                                             Sequence 13 BP; 5 A; 0 C; 4 G; 4 T; 0 U; 0 Other;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                       tides, useful for diagnosis and cell typing, is single-nucleotide polymorphisms and cytosine
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Olek A, Piepenbrock C,
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oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The coligoners are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligoners described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
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ABC00207 standard; DNA; 13 BP.
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12.3%; Score 9; DB 1; Length 13;

Query Match

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cycosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABT00010-ABIS2073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from NIPO at
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 tappement the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                       set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                 SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                   Oligonucleotide SEQ ID NO 51273 for detecting SNP TSC0014324.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 30095 for detecting SNP TSC0009087.
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                                                                                         This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                          Claim 1; SEQ ID NO 30095; 29pp + Sequence Listing; German
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represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                Sequence 13 BP; 2 A; 2 C; 0 G; 9 T; 0 U; 0 Other;
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ABC07438 standard; DNA; 13 BP.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                SND; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                               ABF07564 standard; DNA; 13
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12.3%; Score 9; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.5e+03.
Matches 9; Conservative 0; Mismatches 0.
Berlin K;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                            Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                              Berlin K;
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(EPIG-) EPIGENOMICS AG.
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  12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; vative 0; Mismatches 0; Indels
Query Match 12.3
Best Local Similarity 100.
Matches 9; Conservative
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Gaps

ABC64903 standard; DNA; 13 BP. 21-FEB-2002 (first entry) ABC64903

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic. Oligonucleotide SEQ ID NO 64920 for detecting SNP TSC0017101.

Homo sapiens

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG

Berlin K;

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.

This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABH0010-ABF99899 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at

Claim 1; SEQ ID NO 90369; 29pp + Sequence Listing; German.

Claim 1; SEQ ID NO 64920; 29pp + Sequence Listing; German.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and methololic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, coligomers are also used for detecting cell type differentiation. The ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 the capress the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                      Oligonucleotide SEQ ID NO 119822 for detecting SNP TSC0029902.
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ABF19825 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                Score 9; DB 1; Length 13;
Pred. No. 1.5e+03;
1; Mismatches 1; Indels
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Sequence 13 BP; 0 A; 0 C; 4 G; 8 T; 0 U; 1 Other;
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                                                                                                                                                                                                                                 ABF16825 standard; DNA; 13 BP.
                                Query Match
Best Local Similarity 81.8%;
Matches 9; Conservative 1
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ABF19825/c
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                                                                                                                                                                                               Oligonucleotide SEQ ID NO 120967 for detecting SNP TSC0030182.
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Oligonucleotide SEQ ID NO 133096 for detecting SNP TSC0033208. ABF33099 standard; DNA; 13 BP (first entry) 21-FEB-2002 ABF33099 ABF33099 

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS

Olek A, Piepenbrock C,

Berlin K;

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                                                                                                                                              This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989; ABF00010-ABF9989, ABH00010-ABH99989 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                              Claim 1; SEQ ID NO 133096; 29pp + Sequence Listing; German
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WPI; 2001-657177/75.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligoners are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABF99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 -ABC9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at fitted in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                 Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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methylation status.
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                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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13 TTTATCCCT
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Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels

Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but type was obtained in electronic format from WIPO at
                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                      ligonuclectides, useful for diagnosis and cell typing, is to detect single-nuclectide polymorphisms and cytosine
                Oligonucleotide SEQ ID NO 194863 for detecting SNP TSC0005457.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            designed to detect methylation status.
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                                Length 13;
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Seguence 13 BP; 5 A; 0 C; 3 G; 5 T; 0 U; 0 Other;
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100.0%; Pred. No. 1.5e+03;
vative 0; Mismatches 0;
                             Query Match 12.3
Best Local Similarity 100.
Matches 9; Conservative
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948 TTTAATGTA 956 TTTAATGTA 9 8 엄

ABF45492 standard; DNA; 13 BP. 21-FEB-2002 (first entry) RESULT 3183 

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 145489 for detecting SNP TSC0036633.

Homo sapiens

WO200177384-A2.

18-OCT-2001

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABF99899, ABF00010-ABF99899 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WFPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 145489; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genemic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                           Claim 1; SEQ ID NO 146624; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) eligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The coligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, aradiovascular and metabolic disorders. The coligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99998 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Berlin K;
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ABF99808 standard; DNA; 13 BP.
                                                                                    ABH22109 standard; DNA; 13 BP
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les 9; Conserv
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ABH22109/C
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AC ABH22100
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SNP; Si
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(EPIG-) EPIGENOMICS AG

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss;

Best Loca Matches

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schultz1-899.rng

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
                                                                                                             Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                                                                                              Claim 1; SEQ ID NO 200031; 29pp + Sequence Listing; German.
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                      Berlin K;
                    Olek A, Piepenbrock C,
                                                                  WPI; 2001-657177/75
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels Query Match
Best Local Similarity 100...
9, Conservative 906 CATTTTCTT 914 ઠ

10 CATTTTCTT 2 셤

025/c ABF75025 standard; DNA; 13 BP. ABF75025; 

(first entry) 22-FEB-2002 Oligonucleotide SEQ ID NO 175022 for detecting SNP TSC0043505.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG.

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 175022; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)

and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but ftp.wipo.int/pub/published\_pct\_sequences 8888888888888

Sequence 13 BP; 6 A; 3 C; 0 G; 4 T; 0 U; 0 Other;

Gaps . Match 12.3%; Score 9; DB 1; Length 13; Local Similarity 100.0%; Pred. No. 1.5e+03; les 9; Conservative 0; Mismatches 0; Indels Query Match Best Loc Matches

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948 TTTAATGTA 956 ||||||||| 12 TTTAATGTA 4 ò 셤 ABF50735 standard; DNA; 13 BP.

ABF50735;

21-FEB-2002 (first entry)

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0; Gaps

Oligonucleotide SEQ ID NO 150732 for detecting SNP TSC0038032.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens.

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713.

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG.

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 150732; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at 

Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) coligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC09989, ABC0010-ABE09989, ABH0010-ABE99899, ABH0010-ABE99899, ABH0010-ABE99989, and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence dual for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
                                                                                                                               SNP, single nucleotide polymorphism, human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Set of oligonucleotides, useful for diagnosis and cell typing, i
designed to detect single-nucleotide polymorphisms and cytosine
                                                                                     Oligonucleotide SEQ ID NO 233415 for detecting. SNP TSC0056954.
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Best Local Similarity 100...
Local 9; Conservative
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                                                                                                                                                                                                                                          Homo sapiens.
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ABH33438;
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ABH09027/C
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                                                                                                                                                                                                                                                                                                                                                                                                                   Oligonucleotide SEQ ID NO 155294 for detecting SNP TSC0001351.
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12.3%; Score 9; DB 1
ilarity 100.0%; Pred. No. 1.5
Conservative 0; Mismatches
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ABF55297 standard; DNA; 13 BP.
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les 9; Conservative
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Query Match
Best Local Similarity
Matches 9; Conserv
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ABH33438/c
ID ABH33431
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                                                                                                                            Gaps
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                                                       12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
Sequence 13 BP; 4 A; 0 C; 6 G; 2 T; 0 U; 1 Other;
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3438/c ABH33438 standard; DNA; 13 BP.

Best Loc Matches

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretraeted genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, cange of diseases including immune system, gastrointestinal, respiratory, oligomers are also used for detecting cell type differentiation. ABC0010-ABC99889, ABF00010-ABH99889 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but thous, int/pub/published_pct_sequences
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                                                                                                                                                                                                      Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                            Berlin K;
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                                            06-APR-2001; 2001WO-IB000713
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11 TTTAATGTA 3
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               18-OCT-2001.
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                                                                                                                   This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABF00010-ABF99999, ABH00010-ABF99999 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                Claim 1; SEQ ID NO 184613; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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11 ATTITCTTT 3
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Berlin K;

Olek A, Piepenbrock C,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS AG

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22-FEB-2002
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                                                                                                     RESULT 3198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                      12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
                                                                                                                                                        Sequence 13 BP; 3 A; 0 C; 4 G; 6 T; 0 U; 0 Other;
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ABF86232 standard; DNA; 13
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                                                                                                                                                                                   Piepenbrock C,
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Best Local Similarity
9, Conserve
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                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3197
ABF86332/C
ID ABF8623
XX ABF8623
XX ABF8623
XX DT 22-FBB-
XX SNP; S:
KW PEPLIG
KW Centra
XX COND
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                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                          Oligonucleotide SEQ ID NO 163754 for detecting SNP TSC0041141.
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ABF63757 standard; DNA; 13 BP.
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es 9; Conserv
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ABF65844
XIX
AC ABF65844
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AC ABF65842
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DY Oligonuc
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Oligonucleotide SEQ ID NO 165841 for detecting SNP TSC0041589.

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              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ABF90916 standard; DNA; 13 BP.
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                                                                                                                                                                                                                                                          (EPIG-) EPIGENOMICS AG
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                                                                                    Homo sapiens
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI32073 the represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                    Claim 1; SEQ ID NO 190913; 29pp + Sequence Listing; German.
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Best Local Similarity 100.0%; Pred. No. 1.5e+
Matches 9; Conservative 0; Mismatches
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                                                                 Berlin K;
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07-APR-2000; 2000DE-01019173
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                                                                 Piepenbrock C,
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                                                                 olek A,
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                               Oligonucleotide SEQ ID NO 244312 for detecting SNP TSC0059627.
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            ABH44335 standard; DNA; 13
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABC0010-ABF9989, ABH0010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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36-APR-2001; 2001WO-IB000713,
  WPI; 2001-657177/75
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, coingomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABH82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
     13
Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels
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ABH49632 standard; DNA; 13 BP.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

07-APR-2000; 2000DE-01019173

(EPIG-) EPIGENOMICS AG.

Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine

Claim 1; SEQ ID NO 249609; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a

Score 9; DB 1; Length 13; Pred. No. 1.5e+03;

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range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABC0010-ABE99899, ABH0010-ABH99899 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                         SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 45147 for detecting SNP TSC0013178.
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in cermat from WIPO at
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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designed to detect single-nucleotide polymorphisms and cytosine
methylation status.
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                                      Claim 1; SEQ ID NO 74379; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99899, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire bublished_pot_sequences
                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                               Oligonucleotide SEQ ID NO 4710 for detecting SNP TSC0001694.
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                                                                      ABC04719 standard; DNA; 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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9, Conservative
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              / Match 12.3%; Score 9; DB 1; Length 13;
Local Similarity 100.0%; Pred. No. 1.5e+03;
1es 9; Conservative 0; Mismatcher
Sequence 13 BP; 1 A; 5 C; 0 G; 6 T; 0 U; 1 Other;
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH0010-ABH99989 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic form at from MIPO at
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                                                                                                                                             ligonucleotides, useful for diagnosis and cell typing, : to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                                                                                    Claim 1; SEQ ID NO 30096; 29pp + Sequence Listing; German.
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(EPIG-) EPIGENOMICS AG
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  peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metholic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory. Central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99999, ABC0010-ABR99999 ABC0010-ABR99999 ABC0010-ABR99999 ABC0010-ABR99999 The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
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Best Local Similarity 81.8
Matches 9; Conservative
Query Match
Best Local Similarity 100.
Matches 9; Conservative
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                                                                       943 ATTGGTTTA 951
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Berlin K;

Piepenbrock C,

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WPI; 2001-657177/75.

(EPIG-) EPIGENOMICS

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

WO200177384-A2.

18-OCT-2001

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity 100.
Matches 9; Conservative
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18-OCT-2001
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Matches 9; Conservative
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels

(first entry)

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, aradiovascular and metabolic discorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine
                                                                                              Oligonucleotide SEQ ID NO 112490 for detecting SNP TSC0028130.
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ftp.wipo.int/pub/published_pct_sequences
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                ABF12493
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligoners for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligoners are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                  Set of oligonuclectides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine
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oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF0010-ABF99889, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at flow, but pub/published_pot_sequences
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                                                                                                                                                                      12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ive 0; Mismatches 0; Indels
                                                                                                                                    Sequence 13 BP; 5 A; 4 C; 0 G; 4 T; 0 U; 0 Other;
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Matches 9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABR00010-ABH99999 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                        Oligonucleotide SEQ ID NO 140352 for detecting SNP TSC0035179.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 trepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Oligonucleotide SEQ ID NO 140968 for detecting SNP TSC0035329.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 140968; 29pp + Sequence Listing; German.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at this politication, but wipo.int/pub/published_pct_sequences
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Best Local Similarity 100.
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                                               (EPIG-) EPIGENOMICS AG
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                                This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC09989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABH82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Claim 1; SEQ ID NO 196350; 29pp + Sequence Listing; German
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and oytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABH00010-ABH99899 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at the printed specification, but the wipo.int/pub/published_pct_sequences
                                                                                                                                                            SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                 Oligonucleotide SEQ ID NO 231009 for detecting SNP TSC0007714.
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                             ABH31032 standard; DNA; 13 BP.
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Matches 9; Conservative
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                                                                                                                                                                                                                                         Homo sapiens
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                                                                 ABH31032;
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                                                                                                                                                                                                                                                                                                                                                                                                                                               olek A,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3233
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABH99989, and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                             12.3%; Score 9; DB 1; Length 13;
llarity 100.0%; Pred. No. 1.5e+03;
Conservative 0; Mismatches 0; Indels
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                              Sequence 13 BP; 6 A; 0 C; 3 G; 4 T; 0 U; 0 Other;
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ftp.wipo.int/pub/published_pct_sequences
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                    Gaps
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Score 9; DB 1; Length 13;
Pred. No. 1.5e+03;
1; Mismatches 1; Indels
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF0010-ABF9989, ABH0010-ABH9989 and ABT00010-ABI32073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                oligonucleotides, useful for diagnosis and cell typing, is to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                           Claim 1; SEQ ID NO 182800; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13 BP; 5 A; 2 C; 0 G; 6 T; 0 U; 0 Other;
                                                                                                                                                                                                                                                                                                                                                                                                      was obtained in electronic format from Wi
ftp.wipo.int/pub/published_pct_sequences
  Berlin K;
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    Olek A, Piepenbrock C,
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                                                                                                      designed to detect methylation status.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                                                                                                                                           Claim 1; SEQ ID NO 206787; 29pp + Sequence Listing; German.
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ABF82803 standard; DNA; 13 BP.
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                                                                                                                                                                                                                         (EPIG-) EPIGENOMICS AG
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Query Match

ABF88642

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oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99889, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at fire wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Pred. No. 1.5e+03;
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Best Local Similarity 100.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABF00010-ABF9989, and ABI0010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                 Oligonucleotide SEQ ID NO 188639 for detecting SNP TSC0046446.
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acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic diseases. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99889, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP)
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represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published\_pct\_sequences

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, azdiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but ftp.wipo.int/pub/published_pct_sequences
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designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                        Claim 1; SEQ ID NO 240431; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                                                                                                                                                                                   SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Sequence 13 BP; 6 A; 1 C; 0 G; 6 T; 0 U; 0 Other;
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ative 0; Mismatches
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                                                                                                                                                          SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                      Oligonucleotide SEQ ID NO 261394 for detecting SNP TSC0063448.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Matches 9; Conservative
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set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
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    (EPIG-) EPIGENOMICS AG
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                        WPI; 2001-657177/75
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methylation status.
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Claim 1; SEQ ID NO 54423; 29pp + Sequence Listing; German.

Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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Matches 9; Conservative
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                                                                                                                                                                                                                                                                                             Claim 1; SEQ ID NO 102985; 29pp + Sequence Listing; German
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                                                                                     Berlin K;
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ABC07084 standard; DNA; 13 BP.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Oligonucleotide SEQ ID NO 7075 for detecting SNP TSC0002095.

(first entry)

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                                                            Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels
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Sequence 13 BP; 7 A; 4 C; 1 G; 0 T; 0 U; 1 Other;
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ABCO5632
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AC ABCO5632
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DE Oligonut
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DE COLIGONUT
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF0010-ABF99989, ABH0010-ABF99899 and ABI0010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at

Seguence 13 BP; 8 A; 0 C; 1 G; 4 T; 0 U; 0 Other;

ftp.wipo.int/pub/published\_pct\_sequences

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine methylation status.

Berlin K;

Olek A, Piepenbrock C,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS AG

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

Homo sapiens. WO200177384-A2.

18-OCT-2001.

Claim 1; SEQ ID NO 7075; 29pp + Sequence Listing; German.

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                                                                                                                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
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hes 9; Conservative
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     Query Match
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ABC58962/C
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AC ABC58962
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RESULT 3249 ABC07084/c

Berlin K;

Piepenbrock C,

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of oligonuclectides, useful for diagnosis and cell typing, igned to detect single-nuclectide polymorphisms and cytosine
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                                                                                                                                                        Claim 1; SEQ ID NO 58979; 29pp + Sequence Listing; German.
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                                        06-APR-2001; 2001WO-IB000713
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                                                                                                                                designed to detect methylation status.
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les 9; Conserv
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Matches
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 tepseent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
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                                          Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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designed to detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                        Claim 1; SEQ ID NO 109980; 29pp + Sequence Listing; German.
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100.0%; Pred. No. 1.5e+03;
ative 0; Mismatches 0;
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WPI; 2001-657177/75.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABH99989 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from MIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This invention describes novel oligonucleotide primers or peptide nucleic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; artive 0; Mismatches 0; Indels

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central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010 -ABC9989, ABF00010-ABF9989, ABF00010-ABF9989, ABF00010-ABF9989 and ABI00100-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this parent did not form part of the printed specification, but was obtained in electronic format from WIPO at fitp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Matches 9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99889, ABH00010-ABF9989, and ABT00010-ABF8973 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from NIPO at
                                                                                                                                                                                                                                              SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Best Local Similarity 81.8%;
Matches 9; Conservative
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943 ATTGGTTTAAT 953
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06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173.

Piepenbrock C,

olek A,

WPI; 2001-657177/75

methylation status.

(EPIG-) EPIGENOMICS

Set of oligonucleotides, useful for diagnosis and cell typing, i designed to detect single-nucleotide polymorphisms and cytosine

Claim 1; SEQ ID NO 130872; 29pp + Sequence Listing; German

Page 1402

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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                        Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
         Oligonucleotide SEQ ID NO 120968 for detecting SNP TSC0030182.
                                                                                                                                                                                                                                                                                                      Claim 1; SEQ ID NO 120968; 29pp + Sequence Listing; German.
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                                                                                                                                                                                                               Piepenbrock C,
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                                                                              Homo sapiens
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ö This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo int/pub/published\_pct\_sequences Gaps ; 0 0; Indels 12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels Query Match
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907 ATTTTCTTT 915 ATTTTCTTT 10 ò g

ABF30875 standard; DNA; 13

BP.

(first entry) 21-FEB-2002 ABF30875 

Oligonucleotide SEQ ID NO 130872 for detecting SNP TSC0032666.

SNP; single nuclectide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

WO200177384-A2.

18-OCT-2001.

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic formmat from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABF9989 and ABI00010-ABI82073 tapeseen the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                   Claim 1; SEQ ID NO 135932; 29pp + Sequence Listing; German.
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ABF94715 standard; DNA; 13 BP
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designed to detect single-nucleotide polymorphisms and cytosine
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ABF70799 standard; DNA; 13 BP.
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99899 and ABI00010-ABH82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                       SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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RESULT 3261
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central nervous system; gastrointestinal; respiratory; immune; metabolic.
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and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF99989, ABF00010-ABF99989, and ABI00010-ABF99989 and ABI00010-ABF99989 and ABI00010-ABF99989, abbounded in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the was obtained in electronic format from WIPO at
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0; Indels
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                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                      Oligonucleotide SEQ ID NO 185207 for detecting SNP TSC0006026
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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22-FEB-2002 (first entry)
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WO200177384-A2

ABF85210 standard; DNA; 13 BP.

RESULT 3266 ABF85210 ID ABF8521 XX

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Page 1407

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent dinot form part of the printed specification, but was obtained in ejectronic format from WIPO at
Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                             Claim 1; SEQ ID NO 244311; 29pp + Sequence Listing; German.
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ABH44334 standard; DNA; 13

(first entry)

22-FEB-2002

ABH44334;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PMA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABCO0010
                                                                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             set or oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                      Oligonucleotide SEQ ID NO 253708 for detecting SNP TSC0010907.
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SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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Berlin K;

Piepenbrock C,

olek A,

WPI; 2001-657177/75

(EPIG-) EPIGENOMICS

06-APR-2001; 2001WO-IB000713. 07-APR-2000; 2000DE-01019173

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
-ABC99989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                        Gaps
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                                                                                                                                                  12.3%; Score 9; DB 1; Length 13; llarity 100.0%; Pred. No. 1.5e+03; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                             ABH62902 standard; DNA; 13
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Oligonucleotide SEQ ID NO 42350 for detecting SNP TSC0012636.

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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; ative 0; Mismatches 0; Indels

Query Match 12.3 Best Local Similarity 100. Matches 9; Conservative

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olek A,

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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tive 0; Mismatches 0;
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ID ABC42605 standard; DNA; 13 BP.
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acid (PNA) oligomers for detecting single nucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligomers are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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                                                              Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 1.5e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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Sequence 13 BP; 3 A; 2 C; 0 G; 8 T; 0 U; 0 Other;
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                                                                                                      SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                Oligonucleotide SEQ ID NO 82264 for detecting SNP TSC0020780.
                                                                                                                                                                                                                                                                                                                                                                                            Claim 1; SEQ ID NO 82264; 29pp + Sequence Listing; German.
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ABC82247/c
ID ABC82247 standard; DNA; 13
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 81.8%; Pred. No. 1.5e+03;
Matches 9; Conservative 1; Mismatches 1; Indels
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a
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Best Local Similarity 81.0-
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                                     methylation status.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                ligonucleotides, useful for diagnosis and cell typing, it o detect single-nucleotide polymorphisms and cytosine
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                                                                                                                                                                                    Claim 1; SEQ ID NO 35073; 29pp + Sequence Listing; German.
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Pred. No. 1.5e+03;
1; Mismatches 1; Indels
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TTGCGTTTTAY 13
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03;

Best Local Similarity

Query Match

Sequence 13 BP; 7 A; 2 C; 0 G; 4 T; 0 U; 0 Other;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABE99989, ABH00010-ABH99999 and ABI00010-ABE82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                              Oligonucleotide SEQ ID NO 142525 for detecting SNP TSC0035729.
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                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; 8s; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                        Oligonucleotide SEQ ID NO 115154 for detecting SNP TSC0028850.
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   9; Conservative
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                                   948 TTTAATGTA 956
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12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 1.5e+03; rive 0; Mismatches 0; Indels
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Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine
                              Olek A, Piepenbrock C,
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Berlin K;

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989 and ABI00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but typ.wipo.int/pub/published_pct_sequences
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                                                Claim 1; SEQ ID NO 167619; 29pp + Sequence Listing; German.
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methylation status.
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                                                                                                                                                                                                                                                                                                                                                                                                                                              This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99989, ABF00010-ABF99899 and ABI00010-ABF82073 the represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                           SNP, single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at ftp.wipo.int/pub/published_pct_sequences
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                                                     Sequence 13 BP; 5 A; 0 C; 6 G; 1 T; 0 U; 1 Other;
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Best Local Similarity 100.0%; Pred. No. 1.5
Matches 9; Conservative 0; Mismatches
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nes 9; Conservative
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC009989, ABF00010-ABF99989, ABH00010-ABH99989 and ABI00010-ABF82073 crepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                             SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; Ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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designed to detect single-nucleotide polymorphisms and cytosine
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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ABH01313 standard; DNA; 13 BP.
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                                                                                                                                                                                                                                                                        This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, contral nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABH82073 tepresent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo int/pub/published_pct_sequences
peptide nucleic acid, cytosine methylation, cardiovascular, primer, ss, central nervous system, gastrointestinal, respiratory, immune, metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Gaps
                                                                                                                                                                                                           Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Oligonucleotide SEQ ID NO 233639 for detecting SNP TSC0057028.
                                                                                                                                                                                                                                                       Claim 1; SEQ ID NO 155716; 29pp + Sequence Listing; German.
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                                                                                                06-APR-2001; 2001WO-IB000713
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Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                 Piepenbrock C,
                                                                                                                                            (EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                      WPI; 2001-657177/75
                                                                                                                                                                                                                                   methylation status.
                                                    WO200177384-A2
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                                  Homo sapiens
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ABH33662/c
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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, ardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABE99989, ABF00010-ABE99989, ABF00010-ABE99989, and ABI00010-ABE82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
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                                                                                                                                                            Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.
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                                                                                                                                                                                                                                                                                                                                 Claim 1; SEQ ID NO 233639; 29pp + Sequence Listing; German
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    Berlin K;
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Piepenbrock C,
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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH00010-ABF99989 and ABI00010-ABI22073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from NIPO at
acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC0010-ABC99899, ABF00010-ABF9989, ABH00010-ABH9989 and ABI00010-ABI82073 dara for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                                                           1; Indels
                                                                                                                                                                                                                                                                         12.3%; Score 9; DB 1; Length 13; 81.8%; Pred. No. 1.5e+03; Live 1; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                 9; Conservative
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TTTAATGTTTY 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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   Length 13;
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12.3%; Score 9; DB 1; Ler 100.0%; Pred. No. 1.5e+03; tive 0; Mismatches 0;
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100.0%; Pred. No. 1.5
tive 0; Mismatches
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ABHI1240.

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C ABHI1240.

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C ABHI1240.

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C ABHI1240.

XX
C 22-FEB-2002 (first entry)

XX
Oligonucleotide SEQ ID NO 211217

XX
SNP; single nucleotide polymorph

XX
WC20017384-A2.

XX
HOMO sapiens.

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WC200177384-A2.

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CHARCASON; 200106-01019173.

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CHARCASON; 200106-0101917; 29PE

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CHARCASON; 200106-01017; 20PE

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CHARCASON; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-01017; 200106-0101
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ID ABF87391 standard; DNA; 13
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                                   Local Similarity 100.
nes 9; Conservative
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(first entry)

Berlin K;

Piepenbrock C,

Olek A,

WPI; 2001-657177/75.

06-APR-2001; 2001WO-IB000713.

WO200177384-A2.

18-OCT-2001

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989 and ABL00010-ABF82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but the wipo.int/pub/published_pct_sequences
                                                                                                           SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
                                                                                                                                                                                                                                                                                                                                                                                                                                        Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine
                                                                             Oligonucleotide SEQ ID NO 187388 for detecting SNP TSC0046193.
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                                                                                                                                                                                                                                                                                                                                         (EPIG-) EPIGENOMICS AG
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                                                                                                                                                                                                          WO200177384-A2.
                                                                                                                                                                              Homo sapiens.
                                              22-FEB-2002
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             ABF87391;
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Berlin K;

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This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC9989, ABF00010-ABF9989, ABH00010-ABH99989 and ABI00010-ABH82073 tepses this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.
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                                                                                                                                                                                                                                                                              Claim 1; SEQ ID NO 187391; 29pp + Sequence Listing; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'Match 12.3%; Score 9; DB 1; Length 13; Local Similarity 100.0%; Pred. No. 1.5e+03; les 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13 BP; 2 A; 1 C; 4 G; 6 T; 0 U; 0 Other;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABF90917 standard; DNA; 13 BP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     22-FEB-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Olek A, Piepenbrock C,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (EPIG-) EPIGENOMICS AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              944 TTGGTTTAA 952
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WPI; 2001-657177/75.

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

Homo sapiens

Oligonucleotide SEQ ID NO 187391 for detecting SNP TSC0046193.

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This invention describes novel oligonuclectide primers or peptide nucleic acid (PNA) oligomers for detecting single nuclectide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonuclectides are used for diagnosis and/or prognosis of cancer and a range of diseases including immune system, gastrointestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99899, ABH00010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at the printed specification, but fire.wipo.int/pub/published_pct_sequences
                 Set of oligonucleotides, useful for diagnosis and cell typing, is designed to detect single-nucleotide polymorphisms and cytosine methylation status.
                                                                                                                                      Claim 1; SEQ ID NO 190914; 29pp + Sequence Listing; German
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TTATCCCTC 9

RESULT 3297

Oligonucleotide SEQ ID NO 243226 for detecting SNP TSC0059329. 249/c ABH43249 standard; DNA; 13 BP. (first entry) Homo sapiens 22-FEB-2002 ABH43249; ABH43249/o
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XXX
ABH433
ABH3349/o
ABH3449/o
ABH3449/o
ABH3449/o
ABH3449/o
ABH3449/o
ABH3449/o
ABH3449/o
ABH3

SNP; single nucleotide polymorphism; human; diagnosis; PNA; cancer; CNS; peptide nucleic acid; cytosine methylation; cardiovascular; primer; ss; central nervous system; gastrointestinal; respiratory; immune; metabolic.

WO200177384-A2.

18-OCT-2001.

06-APR-2001; 2001WO-IB000713

07-APR-2000; 2000DE-01019173.

(EPIG-) EPIGENOMICS AG

Berlin K; Olek A, Piepenbrock C,

WPI; 2001-657177/75.

Set of oligonucleotides, useful for diagnosis and cell typing, idesigned to detect single-nucleotide polymorphisms and cytosine methylation status.

Claim 1; SEQ ID NO 243226; 29pp + Sequence Listing; German.

This invention describes novel oligonucleotide primers or peptide nucleic acid (PNA) oligomers for detecting single nucleotide polymorphisms (SNP) and cytosine methylation status in chemically pretreated genomic DNA. The oligonucleotides are used for disquosis and/or prognosis of cancer and a range of diseases including immune system, gastroincestinal, respiratory, central nervous system, cardiovascular and metabolic disorders. The

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oligomers are also used for detecting cell type differentiation. ABC00010-ABC99989, ABF00010-ABF99989, ABH0010-ABH99989 and ABI00010-ABI82073 represent the oligomers described in the invention. NOTE: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format from WIPO at
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ERE; reporter construct; estrogen response element; cytostatic; rat; gene therapy; breast cancer; EIT-6; ds. (first entry) EIT-6 gene ERE fragment 02-SEP-2003 

ACC78734 standard; DNA; 13 BP.

ACC78734/c

ACC78734;

WO2003042364-A2. 22-MAY-2003 08-NOV-2002; 2002WO-US035901.

09-NOV-2001; 2001US-0338136P.

DAND ) DANA FARBER CANCER INST INC.

Polyak K, Pankaj S;

WPI; 2003-449570/42.

New reporter construct for identifying and isolating estrogen-responsive cells comprises an estrogen response segment, a promoter segment and a nucleotide sequence that encodes a reporter polypeptide.

Disclosure; Page 10; 51pp; English.

The invention relates to a reporter construct comprising: (a) an estrogen response segment having 5 or more estrogen response elements (ERE); (b) a promoter segment having at least one promoter nucleic acid sequence; and (c) a nucleotide sequence that encodes a reporter polypeptide, where the nucleotide sequence is operably linked to the promoter segment and the estrogen response segment. The reporter construct and vector are useful in identifying and isolating estrogen-responsive cells. The methods are useful in inhibiting the proliferation or survival of estrogen-responsive breast cancer cells or in enhancing the proliferation or survival of estrogen-receptor non-expressing, estrogen-non-responsive cells. Sequences ACC78731-34 represent sequences of EREs from EIT-6 gene that can be used in the reporter constructs of the invention

Sequence 13 BP; 6 A; 3 C; 1 G; 3 T; 0 U; 0 Other;

12.3%; Score 9; DB 1; Length 13; ilarity 100.0%; Pred. No. 1.5e+03; Conservative 0; Mismatches 0; Indels Best Local Similarity Matches 9; Conserv Query Match

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903 GGTCATTT 911

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Camellia sinensis L.(O.) Kuntze; tea tree; PCR primer; ss. Camellia sinensis L. (O.) Kuntze related PCR primer AP68.

Synthetic. Camellia sinensis.

CN1377966-A. 06-NOV-2002

schultz1-899.rng

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Novel polypeptide comprising fragment of estrogen-induced tag-6
polypeptide, useful for identifying compounds that inhibit activity of
the polypeptide, and thus are useful for inhibiting cancer cell
proliferation.
                                                                                                 EIT-6; estrogen-induced tag-6; cytostatic; breast cancer; human; SAGE; serial analysis of gene expression; tamoxifen; eestogen; ds.
                                                                              Putative estrogen response element (ERE) E4 nucleotide sequence.
                                                                                                                                                                                                                            (DAND ) DANA FARBER CANCER INST INC.
                                                                                                                                                                                                                                                                                                                                      Example, Fig 2d, 54pp, English.
                    ACC78848 standard; DNA; 13 BP.
                                                                                                                                                                                                          09-NOV-2001; 2001US-0337754P.
                                                                                                                                                                                      08-NOV-2002; 2002WO-US035899.
                                                          02-SEP-2003 (first entry)
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                                                                                                                                                 WO2003042363-A2
                                                                                                                               Homo sapiens
                                                                                                                                                                   22-MAY-2003
                                       ACC78848
RESULT 3299
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The invention relates to an estrogen-induced tag (EIT)-6 polypeptide and encoding polynucleotide. A method is provided for identifying a compound which inhibits activity of EIT-6, e.g., Mydroxylation of a proline residue in a polypeptide or conversion of 2-ketoglutarate to succinate. Another method provided is useful for inhibiting the activity of EIT-6 in a mammalian cell e.g., cancer cell such as breast cancer cell. The method is also useful for inhibiting activity of EIT-6 activity of a estrogenresponsive cell, where the compound is preferably pyridine-2.5-dicarboxylic acid or an analog of pyridine-2,5-dicarboxylic acid. The compounds that inhibit EIT-6 as identified by the above mentioned methods are useful as cancer therapeutics by inhibiting cancer cell (preferably breast cancer cell) proliferation or survival. Sequences.ACC78844-48
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12.3%; Score 9; DB 1; Length 13; ilarity 100.0%; Pred. No. 1.5e+03; Conservative 0; Mismatches 0; Indels

903 GGTCATTTT 911

ઠે 셤 ADC64963 standard; DNA; 13 BP.

RESULT 3300

(first entry)

18-DEC-2003

ADC64963;

ADC64963 ID ADC6 XX AC ADC6 XX DT 18-I

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                                                                                                                                                                                                                                                                                                                    The present invention describes the cloning of a new gene sequence expressed and inhibited during hibernation of the top plumelet of a Camellia sinensis L.(O.) Kuntze tea tree. Also described is the identification, cloning and analysis of a primer terminal in the gene sequence expressed and inhibited during hibernation of the top plumelet of the tea tree. The present sequence represents a PCR primer which is used in an example from the present invention.
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Cloning of a new gene sequence expressed and inhibited during winter dormancy of a tea tree top plumelet, comprises identification, cloning and analysis of a new primer in the gene sequence.

(SCIN-) SCI & IND RES COMMISSION,

WPI; 2003-230959/23.

30-MAR-2001; 2001CN-00112459. 30-MAR-2001; 2001CN-00112459. Example 3; Page 32; 66pp; Chinese.

Search completed: October 18, 2004, 14:26:09 Job time : 17 secs

Sequence 28 Sequence 65 Sequence 41 Sequence 41 Sequence 75 Sequence 75 Sequence 75 Sequence 75		Sequence 56 Sequence 55 Sequence 55 Sequence 56	Sequence 53	Sequence 12 Sequence 12 Sequence 57 Sequence 5,	Sequence 41 Sequence 28 Sequence 35	Sequence 27 Sequence 55 Sequence 45	Sequence 45 Sequence 51 Sequence 12 Sequence 12	1 Sequence 43: 2 Sequence 43: Sequence 80	Sequence 8, App Sequence 36, Ap Sequence 189, A	Sequence to Sequence 10: Sequence 13	Sequence 43 Sequence 59 Sequence 12	Sequence 15 Sequence 21	Sequence 82:	Sequence 82 Sequence 21.	364 Sequence 43	Sequence 82 Sequence 21	Sequence 31 Sequence 31 Sequence 20	Sequence 201 Sequence 828	sequence 201 Sequence 828 Sequence 201	Sequence 828 Sequence 319 Sequence 965	· · ·
US-10-085-198-2 1 US-10-085-183A-1 1 US-09-874-162A-1 1 US-09-969-373-4 1 US-10-293-863-3 1 US-10-293-863-3 1 US-10-293-863-1	1 US-09-818-875-5 1 US-09-818-875-5 1 US-09-877-478-3 1 US-09-877-478-1 1 US-10-342-902-9 1 US-10-342-902-1 1 US-10-342-902-1	1 US-10-209-787-5 1 US-10-261-185-5 1 US-10-261-185-5 1 US-10-669-841-9	1 US-10-869-841-1 1 US-10-681-074-5 1 US-10-244-647-5 1 US-10-244-647-5 1 US-10-244-647-5	1 US-10-244-647-1 1 US-10-244-647-1 1 US-09-754-167-5 1 US-09-968-355-6	1 US-09-10-10-10-10-10-10-10-10-10-10-10-10-10-	1 US-10 1 US-10 1 US-10	1 US-10 1 US-10 1 US-10	1 US-10 1 US-10 1 US-10	1 US-10 1 US-10 1 US-10	1 US-109	1 US-10 1 US-10 1 US-10	1 US-10 1 US-09	1 US-09-864-636A-8 1 US-09-864-426A-8	1 US-09-864-426A-8 1 US-10-342-902-21	1 US-10-060-756A-4 1 US-10-084-839-81	1 US-10-084-839-82 1 US-10-669-841-21	1 US-09-819-094-31 1 US-10-714-067-31 1 US-09-864-636A-2	1 US-09-864-636A-8 1 US-09-864-636A-8 1 US-09-864-426A-2	1 US-US-864-426A-2 1 US-09-864-426A-8 1 US-10-084-839-20	1 US-10-084-839-82 1 US-10-244-647-31 1 US-10-244-647-96	
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15.1 16 1 US-10-376-770-125 Sequ 15.1 16 1 US-10-661-165-125 Sequ 14.8 14 1 US-10-461-790-133 Sequ 14.8 15 1 US-09-771-933-173 Sequ 14.8 15 1 US-09-877-478-6005 Sequ 14.8 15 1 US-09-877-478-6005 Sequ	4.8 15 1 US-U3-B77478-6U31 4.8 15 1 US-10-342-902-6005 4.8 15 1 US-10-342-902-6031 4.8 15 1 US-10-128-560-219	4.8 15 1 US-10-044-674-44 Sequence 4.8 15 1 US-10-440-850-29 Sequence 4.8 15 1 US-10-176-972A-68 Sequence	4.8 15 1 US-10-669-841-2408 Sequence 4.8 15 1 US-10-669-841-2434 Sequence	4.8 16 1 US-10-461-790-132 Sequence	4.2 12 1 US-10-11/-108A-18 Sequence 4.2 12 1 US-10-717-897-74 Sequence	4.2 15 1 US-09-72-093-0 Sequence 4.2 15 1 US-09-204-21111 Sequence 4.2 15 1 TIC-00-274-EE3D-1011 Sequence 4.2 15 1 TIC-00-274-EE3D-1011	4.2 15 1 US-10-196-113-2 Sequence	4.2 15 1 US-10-197-019-40 Sequence 4.2 15 1 US-10-138-674-4114 Sequence 7.2 15 US-10-138-674-4114 Sequence 7.2 US-1	4.2 16 1 US-10-12-12-13-13-13-13-14-13-14-13-14-13-14-13-14-13-14-13-14-14-14-14-14-14-14-14-14-14-14-14-14-	4.0 15 1 US-09-872-338-4 Sequence	4.0 15 1 US-09-916-230-9 Sequence 4.0 15 1 US-09-848-616-13 Sequence	4.0 15 1 US-09-877-478-6032 Sequence 4.0 15 1 US-09-848-754A-9301 Sequence	.0 15 1 US-09-872-868-4 Sequence .0 15 1 US-09-872-339-4 Sequence	4.0 15 1 US-10-342-902-6032 Sequence	4.0 15 1 US-10-287-919-1291 Sequence	4.0 15 1 US-10-050-902-13 Sequence	4.0 15 1 US-10-440-850-291 Sequence	4.0 15 1 US-10-255-120-293 Sequence 4.0 15 1 US-10-255-120-298 Sequence	4.0 15 1 US-10-669-841-2435 Sequence 4.0 15 1 US-10-733-582-13 Sequence	3.7 10 1 US-10-033-145-862 Sequence 3.7 10 1 US-10-033-145-1038 Sequence	3.7 10 1 US-10-033-145-2027 Sequence 3.7 10 1 US-10-330-627-72 Sequence	3.7 11 1 US-09-918-715-81 Sequence	3.7 14 1 US-10-461-790-130 Sequence 3.7 14 1 US-10-461-790-130 Sequence	3.7 14 1 US-10-115-077-59 Sequence	3.7 14 1 US-10-091-281-436 Sequence 3.7 14 1 US-10-203-351-9 Sequence	3.7 14 1 US-10-447-338-1 Sequence 3.7 15 1 US-10-115-077-13 Sequence	3.7 15 1 US-10-115-077-50 Sequence	3.7 15 1 US-10-115-0777-58 Sequence 3.7 15 1 US-10-203-780-5 Sequence	3.7 15 1 US-10-400-382-100 Sequence 3.7 15 1 US-10-440-850-927 Sequence	3.7 15 1 US-10-255-120-119 Sequence	3.7 15 1 US-10-255-120-817 Sequence 3.4 13 1 US-09-877-478-6128 Sequence	3,4 13 1 US-09-510-378-29 Sequence 3,4 13 1 US-09-798-260-87 Sequence	13 1 US-10-342-902-6128 Sequence 13 1 US-10-113-877-38 Sequence	3.4 13 1 US-10-669-841-2531 Sequence 3.4 13 1 US-10-700-118-11 Sequence
11 15.1 16 1 US-10-376-770-125 11 15.1 16 1 US-10-616-125 0.8 14.8 14 1 US-10-461-790-133 0.8 14.8 15 1 US-09-771-933-173 0.8 14.8 15 1 US-09-877478-6005 0.8 14.8 15 1 US-09-877-478-6015	14.8 15 1 US-U9-87/74/8-6031 14.8 15 1 US-10-342-902-6005 14.8 15 1 US-10-342-902-6031 14.8 15 1 US-10-128-560-219	0.8 14.8 15 1 US-10-044-674-44 Sequence 0.8 14.8 15 1 US-10-440-850-290 Sequence 0.8 14.8 15 1 US-10-416-850-290 Sequence 0.8 14.8 15 1 US-10-176-972A-68 Sequence	0.8 14.8 15 1 US-10-669-841-2408 Sequence 0.8 14.8 15 1 US-10-669-841-2434 Sequence	0.8 14.8 16 1 US-10-461-790-132 Sequence	0.4 14.2 12 1 US-1U-117-104A-18 Sequence 0.4 14.2 12 1 US-1U-717-8977-74 Sequence 0.4 14.2 12 1 US-10-77-7052-0	0.4 14.2 15 1 US-V0-/20-V93-0 Sequence 0.4 14.2 15 1 US-09-504-2131-1011 Sequence	0.4 14.2 15 1 US-10-196-113-2 Sequence	0.4 14.2 15 1 US-10-197-019-40 Sequence 0.4 14.2 15 1 US-10-138-674-4114 Sequence 0.4 14.2 15 US-10-138-674-4144 Sequence 0.4 14.2 15 US-10-138-674-4144 Sequence 0.4 14	0.4 14.2 16 1 US-09-820-511-2 Sequence	0.2 14.0 15 1 US-09-872-338-4 Sequence	0.2 14.0 15 1 US-09-916-230-9 Sequence 0.2 14.0 15 1 US-09-848-616-13 Sequence	0.2 14.0 15 1 US-09-877-478-6032 Sequence 0.2 14.0 15 1 US-09-848-754A-9301 Sequence	0.2 14.0 15 1 US-09-872-868-4 Sequence 0.2 14.0 15 1 US-09-872-339-4 Sequence	0.2 14.0 15 1 US-10-342-902-6032 Sequence	0.2 14.0 15 1 US-10-287-919-1291 Sequence	0.2 14.0 15 1 US-10-050-902-13 Sequence	0.2 14.0 15 1 US-10-440-850-291 Sequence	0.2 14.0 15 1 US-10-255-120-293 Sequence 0.2 14.0 15 1 US-10-255-120-298 Sequence	0.2 14.0 15 1 US-10-669-841-2435 Sequence 0.2 14.0 15 1 US-10-733-582-13 Sequence	0 13.7 10 1 US-10-033-145-862 Sequence 0 13.7 10 1 US-10-033-145-1038 Sequence	0 13.7 10 1 US-10-033-145-2027 Sequence 0 13.7 10 1 US-10-330-627-72 Sequence	0 13.7 11 1 US-09-918-715-81 Sequence	13.7 14 1 US-10-461-790-130 Sequence	0 13.7 14 1 US-10-115-077-14 Sequence	0 13.7 14 1 US-10-091-281-436 Sequence 0 13.7 14 1 US-10-203-351-9 Sequence	0 13.7 14 1 US-10-447-338-1 Sequence 0 13.7 15 1 US-10-115-077-13 Sequence	0 13.7 15 1 US-10-115-077-50 Sequence	0 13.7 15 1 US-10-115-0777-58 Sequence 0 13.7 15 1 US-10-203-780-5 Sequence	0 13.7 15 1 US-10-400-382-100 Sequence 0 13.7 15 1 US-10-440-850-927 Sequence	0 13.7 15 1 US-10-255-120-119 Sequence	10 13.7 15 1 US-10-255-120-817 Sequence .8 13.4 13 1 US-09-877-478-6128 Sequence	.8 13,4 13 1 US-09-510-378-29 Sequence .8 13,4 13 1 US-09-798-260-87 Sequence	8 13.4 13 1 US-10-342-902-6128 Sequence 8 13.4 13 1 US-10-113-877-38 Sequence	.8 13.4 13 1 US-10-669-841-2531 Sequence .8 13.4 13 1 US-10-700-118-11 Sequence

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Sequence 4182, Application US/10032585
Fublication No. US20030180953A1
GENERAL INFORMATION:
APPLICANT: Terry, Roemer D.
APPLICANT: Charles, Boone
ANDWERN APPLICATION NUMBER: US/10/032,585
CURRENT APPLICATION S. 8000
NUMBER OF SEQ ID NOS: 8000
SSOTIMARS: Patentin version 3.1
ENGTH: 25
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Publication No. US20040175743A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Twine, Natalie

APPLICANT: Twine, Natalie

APPLICANT: Trepicchio, William

ITILE OF INVENTION: Method for Monitoring Drug Activities In Vivo

FILE REPERBERS: 105/10775,169

CURRENT APPLICATION NUMBER: US/10/775,169

CURRENT FILING DATE: 2004-02-11

NUMBER OF SEQ ID NOS: 5278

SOFTWARE: PatentIn version 3.2

LENGTH: 25
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                                                                                             DB 1; Length 24;
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23.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 22;
Matches 20; Conservative 0; Mismatches 5; Indels
                                                                                          Query Match 24.1%; Score 17.6; Di
Best Local Similarity 83.3%; Pred. No. 17;
Matches 20; Conservative 0; Mismatches
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         OTHER INFORMATION: primer
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; ORGANISM: probe
US-10-775-169-2948
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US-10-775-169-2948
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US-10-032-585-4182
                ; OTHER INFORM
US-10-276-358-36
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Sequence 36, Application US/10276358
Sequence 36, Application US/10276358
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Sequence 36, Application Occupance 36, Applicance 36, Appli
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Sequence 374, Appl
Sequence 27, Appl
Sequence 13, Appl
Sequence 44, Appl
Sequence 60, Appl
Sequence 25, Appl
Sequence 11, App
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
Sequence 11, Appl
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Sequence 20, Appl
Sequence 405, Appl
Sequence 4, Appli
Sequence 5976, Ap
Sequence 6115, Ap
Sequence 6115, Ap
Sequence 1, Appli
Sequence 1, Appli
Sequence 1, Appli
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Sequence 19, Appli
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US-10-001-073-3

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US-10-033-145-1455

US-10-033-145-1455

US-10-033-145-1455

US-10-329-465-229

US-10-329-465-229

US-10-329-465-229

US-10-329-465-229

US-10-329-465-239

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US-10-329-465-239

US-10-329-465-239

US-10-329-329-339

US-10-480-131

US-10-10-670-480

US-10-10-670-480

US-10-115-077-44

US-10-115-077-478-6115

US-10-123-170-1

US-10-123-170-1

US-10-123-170-1

US-10-148-521-19

US-10-148-521-19
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ORGANISM: Artificial
FEATURE:
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US-10-289-949A-3066/c

Sequence 3066, Application US/10289949A

Publication No. US20040102389A1

GENERAL INPORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavoo, Pam

APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Exerce, Managen, Jim
APPLICANT: Stinchcomb, Dan
APPLICA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: RGW49gen, Jim
APPLICANT: MCSW49gen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Jaime
APPLICANT: Scobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: 16vels of (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 3066
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; Sequence 3066, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SEG ID NO 213
LENGTH: 17
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                                                                                                                                                                                                                                                                                                            ; ORGANISM: Hepatitis B virus US-10-342-902-213
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 29.49
Matches 5; Conservative
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Best Local Similarity 94.1
Matches 16; Conservative
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US-10-138-674-3066
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US-10-287-949A-3066
                                                                                                                                                                                                                                                                       TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
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                                                                                                                                                                                        GENERAL INFORMATION:

APPLICANT: Black, Lower

APPLICANT: Black, Lower

APPLICANT: Black, Larry

APPLICANT: Black, Larry

APPLICANT: Black, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jawe

ITILE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REPRENCE: MBHB00-845-H (400/029)

CURRENT APPLICATION NUMBER: US 09/837,12

PRIOR FILING DATE: 1202-05-14

PRIOR APPLICATION NUMBER: US 09/531,025

PRIOR APPLICATION NUMBER: US 09/536,385

PRIOR APPLICATION NUMBER: US 09/636,347

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR APPLICATION NUMBER: US 08/133,993

PRIOR APPLICATION NUMBER: US 08/133,993

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR APPLICATION NUMBER: US 08/434,504

PRIOR PRIING DATE: 1995-05-04

PRIOR PRIING DATE: 1995-05-04

PRIOR PRIING DATE: 1995-05-04

PRIOR FILING DATE: 1995-05-04

PRIOR FILIN
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APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Blate, Larry
APPLICANT: Blate, Larry
APPLICANT: Morrissey, Dave
APPLICANT: Morrissey, Dave
FILE OF INVENTYION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE PREFERENCE: 400/075 (WBHB00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-010-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1992-05-14
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29.4%; Pred. No. 29;
cive 11; Mismatches
                                                                              ; Sequence 213, Application US/09877478; Publication No. US20030068301A1; GENERAL INFORMATION:
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Publication No. US20040054156Al
GENERAL INFORMATION:
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ORGANISM: Hepatitis B virus
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Best Local Similarity 29.49
Matches 5; Conservative
                                                  US-09-877-478-213
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APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) US
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) US
TITLE OF INVENTION: Short Interfering Nucleic Acid (SiNA)
FILE REPERENCE: 400/660 (MBHB02-1000)
FILE OF INVENTION: 100/660 (MBHB02-1000)
FILE OF INVENTION NUMBER: US 10/10/24,647
CURRENT PILING DATE: 2003-04-14
FRIOR PELION DATE: 2002-00-20
FRIOR PELION NUMBER: PCT US02/09187
FRIOR PELION NUMBER: PCT US02/09187
FRIOR PELION NUMBER: US 60/296,876
FRIOR APPLICATION NUMBER: US 60/296,876
FRIOR PELIOR PILING DATE: 2001-06-08
NUMBER PLING DATE: 2001-06-08
NUMBER PLANCALIN VERSION 3.0
FRIOR APPLICATION NUMBER: US 60/296,876
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US-10-244-647-642
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/sinA sense re
US-10-244-647-572
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21.1%; Score 15.4; D.
Best Local Similarity 29.4%; Pred. No. 32;
Matches 5; Conservative 11; Mismatches
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                McSwiggen, James
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21.1%
Best Local Similarity 29.4%
Matches 5; Conservative
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APPLICANT: David, Worsigen
APPLICANT: Panala, Pacon Serigen
APPLICANT: Panala, Pacon Serigen
APPLICANT: Panala, Pacon Serigen
APPLICANT: Panala, Pacon Serigen
APPLICANT: Renneth, Draper
APPLICANT: Renneth, Draper
APPLICANT: Wingwillow: Uniconvictorino Ministrical Serigen
APPLICANT: WINGWILLOW: UNICON SERIGEN
TITLE OF INWENTION: UNICON SERIGEN
TITLE OF INWENTION: UNIVERS: US/10/609,81

PRICE REPRENCE: 400/04303 (WHH002-249-E)
CURRENT FILLING DATE: 2002-03-26
PRICE FILLING DATE: 2002-03-26
PRICE FILLING DATE: 2001-06-08
PRICE PRILING DATE: 2001-10-05
PRICE PRILING DATE: 2000-10-10-05
PRICE PRILING DATE: 2000-10-10-
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          DB 1; Length 17;
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Query Match
21.1%; Score 15.4; Di
Best Local Similarity 94.1%; Pred. No. 29;
Matches 16; Conservative 0; Mismatches
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29.4%; Pred. No. 29;
live 11; Mismatches
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Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 213, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                     921 TIGCCTTTTATCCCTCC 937
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; ORGANISM: Hepatitis B Virus
US-10-669-841-213
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5; Conservative
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Best Local Similarity
Matches 5; Conserv
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Sequence 1288, Application US/10244647

§ Sequence 1288, Application US/10244647

§ Sequence 1288, Application No. US2030206887A1

§ FUBLICANT: Ribozyme Pharmaceutical, Inc.

§ APPLICANT: Ribozyme Pharmaceutical, Inc.

§ APPLICANT: Reigelman, Leonid

§ APPLICANT: Beigelman, Leonid

§ APPLICANT: Beigelman, Leonid

§ TITLE OF INVENTION: Short Interferring Nucleic Acid (sina)

§ TITLE OF INVENTION: Short Interferring Nucleic Acid (sina)

§ TITLE OF INVENTION: Short Interferring Nucleic Acid (sina)

§ TITLE OF INVENTION: Short Interferring Nucleic Acid (sina)

§ TITLE OF INVENTION: Short Interferring Nucleic Acid (sina)

§ FILE REPERENCE: 400/060 (MHHB02-1000)

§ FILE REPERENCE: 2003-04-14

§ PRIOR APPLICATION NUMBER: US 60/398, 580

§ PRIOR FILING DATE: 2002-07-03

§ PRIOR FILING DATE: 2002-03-26

§ PRIOR APPLICATION NUMBER: US 60/296, 876

§ PRIOR 
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| Sequence 1201, Application US/10244647
| Publication No. US20030206887A1
| GANERAL INFORMATION:
| APPLICANT: NORWAIDON: James
| APPLICANT: Morrissey, David
| TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U;
| TITLE OF INVENTION: RNA Interfering Nucleic Acid (siNA)
| FILE REFERENCE: 400/060 (MBHB02-1000)
| CURRENT APPLICATION NUMBER: US/10/244,647
| CURRENT APPLICATION NUMBER: US 60/358,580
| PRIOR PILING DATE: 2003-04-14
| PRIOR PILING DATE: 2002-07-03
| PRIOR PILING DATE: 2002-07-03
| PRIOR FILING DATE: 2002-07-03
| PRIOR FILING DATE: 2002-07-03
| PRIOR FILING DATE: 2002-07-26
; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
US-10-244-647-1218
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                                                                                                                                                                                                      Length 19;
                                                                                                                                                                                                                                                                                                               Indels
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-244-647-1288
                                                                                                                                                                                                      1;
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                                                                                                                                                                                           Score 15.4; DE Pred. No. 32; 0; Mismatches
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                                                                                                                                                                                           Query Match 21.1%;
Best Local Similarity 94.1%;
Matches 16; Conservative
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US-10-244-647-1291/c
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| Jeruskal, Jeru
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Publication No. US20030206887A1

GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Soloo (MEHBOZ-1000)
CURRENT FILING DATE: 2002-02-20
FRIOR PILING DATE: 2002-02-20
FRIOR PILING DATE: 2002-03-26
FRIOR PILING DATE: 2002-03-26
FRIOR PILING DATE: 2002-03-26
FRIOR PILING DATE: 2002-03-26
FRIOR FILING DATE: 2002-03-26
FRIOR FILING DATE: 2002-03-26
FRIOR FILING DATE: 2001-06-08
FRIOR FILING DATE: 2001-06-08
FRIOR FILING DATE: 2001-06-08
FRIOR PILING DATE: 2001-06-08
FRIOR FILING DATE: 2001-06-08
FRIOR PILING DATE: 2001-06-08
FRIOR FILING DATE: 2001
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                                                                                                                                                                                                                                               US-10-244-647-645
; Sequence 645, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
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                             AUTUTOCUUTUGUCUTUG 18
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-244-647-1218/c
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Length 20;

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US-09-940-244-83
US-09-940-244-83
Sequence 83, Application US/09940244
Publication No. US20030044796A1
GENERAL INFORMATION:
APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Examichev, Victor
APPLICANT: Smith, Lloyd M.
TITLE REPERENCE: PORS-06478
CURRENT APPLICATION NUMBER: US/09/940,244
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 422
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
20.0%; Score 14.6; Di
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
20.0%; Score 14.6; D
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches
                                                                 Mismatches
                       Score 15;
Pred. No.
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                                                                                                           907 ATTITCTTIGGICTTIG 923
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                       20.5%;
88.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Synthetic US-10-356-861-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Pyrococcus woesei
US-09-940-244-83
Query Match
Best Local Similarity 88.20
Best Local Similarity 15, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 18
US-10-033-297-83
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                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-244-647-1291
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                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: ARLINGTON
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION NUMBER: US/10/453,792
FILING DATE: 04-Jun-2003
CLASSIFICATION: CURKNOWN>
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TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                         DB 1; Length 19;
                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-0C-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                       Query Match 21.1%; Score 15.4; DE Best Local Similarity 94.1%; Pred. No. 32; Matches 16; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REGISTRATION NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
INFORMATION FOR SEQ ID NO: 135:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: NIXON & VANDERHYE P.C. STREET: 1100 NORTH GLEBE ROAD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135
                    PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SCFTWARE: PatentIn version 3.0
SEQ ID NO 1291
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 135, Application US/10453792
Publication No. US20040029110A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: STUYVER, LIEVEN
ROSSAU, RUDI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGIH: 20 base pairs
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STRANDEDNESS: single
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                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
PEATURE:
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gequence 83, Application US/10356861
| Publication No. US20040072182A1
| Publication No. US20040072182A1
| GENERAL INFORMATION:
| APPLICANT: Victor, Lyamichev
| APPLICANT: Neri, Bruce P.
| APPLICANT: Hall, Ueff
| APPLICANT: Hall, Ueff
| APPLICANT: Andrew A.
| TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
| TITLE OF INVENTION: Methods and Compositions for Detecting Target Sequences
| TITLE OF INVENTION: Wording and Compositions for Detecting Target Sequences
| TITLE OF INVENTION NUMBER: US/10/356,861
| CURRENT FILING DATE: 2003-02-03
| NUMBER OF SEQ ID NOS: 254
| SEQ ID NO 83
| INVENTION OF 83
| INVENTION OF 83
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1; Indels
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| GENERAL INFORMATION: USAUGAGIANA |
| APPLICANT: BARTHOLOMEUSZ, ANGELINE I |
| APPLICANT: BARTHOLOMEUSZ, ANGELINE I |
| APPLICANT: BARTHOLOMEUSZ, ANGELINE I |
| APPLICANT: AYE, THEIN T |
| APPLICANT: BERAN: TROBERT A |
| TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME |
| TITLE OF INVENTION: WIMBER: US/10/260,451 |
| CURRENT APPLICATION NUMBER: US/99/306,420 |
| PRIOR FPLING DATE: 1999-05-06 |
| PRIOR APPLICATION NUMBER: PCT/AU97/00520 |
| PRIOR FILING DATE: 1995-06-06 |
| PRIOR APPLICATION NUMBER: PO3519 |
| PRIOR PRING DATE: 1996-11-08 |
| NUMBER OF SEQ ID NOS: 57 |
| SEQ ID NO 16 |
| LENGTH: 21
                                          JAPELICANT: LOCARAILON;
JAPELICANT: LOCARAILON;
JAPELICANT: BARTHOLOMEUSZ, ANGELINE I
APPLICANT: BARTHOLOMEUSZ, ANGELINE I
APPLICANT: BARTHOLOMEUSZ, ANGELINE I
APPLICANT: DEMAN, ROBERT A
TITLE OF INVENTION: VIRAL VARIANTS AND METHODS FOR DETECTING SAME
FILE REPERBURE: 251-28
CURRENT APPLICATION NUMBER: US/10/260,451
CURRENT FILING DATE: 1999-05-06
PRIOR APPLICATION NUMBER: PCT/AU97/00520
PRIOR APPLICATION NUMBER: PCT/AU97/00520
PRIOR APPLICATION NUMBER: PO3359
PRIOR APPLICATION NUMBER: PO3359
PRIOR PILING DATE: 1996-11-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PATENTIN VOT: 2.0
SEQ ID NO 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ..
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; Sequence 16, Application US/10260451
; Publication No. US20030124096A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 Trrrcrrrrercrrreggrar 21
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Best Local Similarity 81.0%;
Matches 17; Conservative
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Best Local Similarity 81.0%;
Matches 17; Conservative
  US20030124096A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Hepatitis B virus
US-10-260-451-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-10-260-451-16
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Sequence 83, Application US/10033297
Publication No. US20020187486A1
GENERAL INFORMATION:
APPLICANT: Hall, Jeff G.
Lyamichev, Victor I.
Mact, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
Sequential Invasive Cleavages
NUMBER OF SEQUENCES: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: Tal PR PC compatible
COMPUTER: Tal PR PC compatible
COMPUTER: Tal PR PC compatible
CORPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION NUMBER: US/10/033.297
FILING DATE: 12-No. US20020187486A1-2001
CLASSIFICATION NUMBER: US/08/823.297
FILING DATE: 09-Jul-1999
APPLICATION NUMBER: US/08/823.516
FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 10-JAN-1997
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,314
FILING DATE: 21-JAN-1997
APPLICATION NUMBER: US 08/756,316
FILING DATE: 22-MOV-1996
APPLICATION NUMBER: US 08/756,316
FILING DATE: 22-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 12-JUL-1996
APPLICATION NUMBER: US 08/599,491
FILING DATE: 11NFORMATION:
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                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSES: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 20.0%; Score 14.6; D
Best Local Similarity 81.0%; Pred. No. 46;
Matches 17; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                         CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 83:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              917 GICTITGCCTTTTAICCCTCC 937
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 83:
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Db 21 TrTcTrTrGGGTAT 1
RESULT 21
US-10-290-386-83
; Sequence 83, Application US/10290386
; Publication No. US20030152971A1

RESULT 19 US-10-260-451-12 ; Sequence 12, Application US/10260451

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APPLICANT: RIDOZNE FMAIMMENTALIANT: READER, INC.
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Morrisaey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REPERENCE: MBH800-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT PILING DATE: 2001-12-31
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-09
FRIOR FILING DATE: 2000-03-09
FRIOR FILING DATE: 2000-03-09
FRIOR FILING DATE: 2000-10-24
FRIOR FILING DATE: 1994-02-07
FRIOR FILING DATE: 1995-05-04
FRIOR FILING DATE: 1999-11-08
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Similarity 25.0%; Pred. No. 42;
4; Conservative 11; Mismatches
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19.7%; Score 14.4; D
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: Patentin version 3.0
SEQ ID NO 212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 214, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 212, Application US/10342902
; Publication No. US20040054156A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 907 ATTITCTTIGGICTT 922
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                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
CRGANISM: Hepatitis B virus
US-09-877-478-212
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Best Local Similarity
Matches 4; Conserv
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US-10-342-902-212
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SEQ ID NO 214
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; Bublication No. US20030068301A1
; GENERAL INFORMATION:
GENERAL APPLICANT:
GENERAL APPLICANT:
GENERAL APPLICANT:
GENERAL APPLICATION WIMBER: US/09/877,478
GURRENT APPLICATION NUMBER: US/09/877,478
GURRENT FILING DATE: 2001-12-31
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR FILING DATE: 2000-03-20
FRIOR APPLICATION NUMBER: US/09/636,387
FRIOR APPLICATION NUMBER: US/09/696,347
FRIOR PELLING DATE: 2000-03-20
FRIOR FRIOR PELLING DATE: 2000-03-20
                                                                     APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Hall, Jeff G.
APPLICANT: Hall, Jeff G.
APPLICANT: Hall, Jeff G.
APPLICANT: Lukowiak, Andrew A.
ITILE OF INVENTION: Methods and Compositions for Detecting Target Sequences
FILE REFERENCE: PORS-07459
CURRENT APPLICATION NUMBER: 00/361,060
PRIOR APPLICATION NUMBER: 60/364,946
PRIOR APPLICATION NUMBER: 60/344,946
PRIOR APPLICATION NUMBER: 60/344,946
PRIOR PILING DATE: 2000-11-07
PRIOR PLING DATE: 2000-11-07
PRIOR PLING DATE: 2000-11-06
PRIOR PLING DATE: 1999-07-09
PRIOR PLING DATE: 1999-07-09
PRIOR PLING DATE: 1999-07-09
PRIOR PLING DATE: 1999-07-09
PRIOR PLING DATE: 1996-01-26
PRIOR APPLICATION NUMBER: 08/750,309
PRIOR PLING DATE: 1996-11-26
PRIOR PLING DATE: 1996-07-12
PRIOR PLING DATE: 1996-07-12
PRIOR PLING DATE: 1996-01-24
PRIOR FILING DATE: 1996-01-24
NUMBER OF SEQ ID NOS: 253
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 83
LENGTH: LANDER DATE: 1996-01-24
NUMBER: PATENTIN VETSION 3.1
SEQ ID NO 83
LENGTH: LANDER DATE: 1996-01-24
LENGTH: LANDER DATE: 1996-01-24
NUMBER: PATENTING DATE: 1996-01-24
LENGTH: LANDER DATE: 1996-01-24
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APPLICATION NUMBER: US 08/193,627
FILING DATE: 1994-02-07
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                                                   Lyamichev, Victor
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APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavco
APPLICANT: Pamela, Pavco
APPLICANT: Reineth, David, Morrissey
APPLICANT: Reineth, David, Morrissey
APPLICANT: Reineth, David, Morrissey
APPLICANT: Reineth, David
APPLICANT: APPLICANTION NUMBER: US/10/669,841
CURRENT FILMS DATE: 2001-06-09
PRIOR PILMS DATE: 2001-06-09
PRIOR PILMS DATE: 2001-06-09
PRIOR PILMS DATE: 2001-06-09
PRIOR PILMS DATE: 2001-02-20
PRIOR PILMS DATE: 2001-02-20
PRIOR PILMS DATE: 2001-02-20
PRIOR PILMS DATE: 2001-03-11
PRIOR PILMS DATE: 2000-02-15
PRIOR PILMS 
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19.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches 1; Indels
                                                                                                                              DB 1; Length 17;
                                                                                                                                                                                                 1; Indels
                                                                                                                           Ouery Match
Best Local Similarity 25.0%; Pred. No. 42;
Matches 4; Conservative 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 212, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 27
US-10-669-841-214
; Sequence 214, Application US/10669841
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; ORGANISM: Hepatitis B Virus
US-10-669-841-212
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-214
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US-10-669-841-212
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US-10-342-902-214

i Sequence 214, Application US/10342902

i Sequence 214, Application US/10342902

i Sequence 214, Application WS/10342902

i Sequence 214, Application WS/20040054256A1

j GENERAL INFORMATION:

APPLICANT: Disper, Kenneth

APPLICANT: Disper, Kenneth

APPLICANT: Blact, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: Worder: US 09/637,478

FRIOR FILING DATE: 2000-03-20

FRIOR APPLICANTON NUMBER: US 09/636,347

FRIOR PRILING DATE: 1994-02-07

FRIOR PLING DATE: 1994-02-07

FRIOR FILING DATE: 1994-02-07

FRIOR FILING DATE: 1995-10-08

FRIOR FILING DATE: 1995-10-08

WORDER: PRICE PRICE SEQ ID NOS: 6592

SOFTWARE PLENG DATE: 1996-11-08

WORDER: PRICE PLENG DATE: 1996-11-08

WORDER: PLOS NO 214

LENGTH: 17
          GREREAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
CURRENT TILING DATE: 2003-014-15
CURRENT TILING DATE: 2000-03-20
FRIOR PILING DATE: 2000-03-20
FRIOR PELING DATE: 2000-03-20
FRIOR PELING DATE: 2000-03-20
FRIOR PELING DATE: 2000-03-20
FRIOR PELING DATE: 1994-02-07
FRIOR RELING DATE: 1995-11-08
FRIOR FILING DATE: Patentin version 3.2
FRIOR DATE: Patentin version 3.2
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25.0%; Pred. No. 42;
tive 11; Mismatches
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ORGANISM: Hepatitis B virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 25.0
Matches 4; Conservative
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TITLE OF INVENTION: BASIGALMAN, LEGARDARY EACH LACATION OF HEPATITIS DE STANDANT ENGROPHEMENT ENGRANDED TO THE REPERRINGE A 400/060 (MHHB02-1000)
FILE REPERRINGE 400/060 (MHHB02-1000)
CURRENT APPLICATION NUMBER: US/0/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR APPLICATION NUMBER: US 60/359,924
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR PAPLICATION NUMBER: PT US02/09187
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SOFFWARE: PATCHIN VERSION 3.0
SEQ ID NO 644
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Sequence 1252, Application US/10244647
Publication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David
APPLICANT: Morrissey, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) Us
                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-606
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                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
19.7%; Score 14.4; D
Best Local Similarity 25.0%; Pred. No. 46;
Matches 4; Conservative 11; Mismatches
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25.0%; Pred. No. 46;
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bublication No. US20030206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
                                          60/296,876
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PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SOFWARE: Patentin version 3.0
SEQ ID NO 606
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Seguence
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APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
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Best Local Similarity
Matches 4; Conserva
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                                                                                                                                                                                                                                                                                                  APPLICANT: Kenneth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Blisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLECTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REPERBURE: 400/042US (MRB02-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2003-09-23
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GENERAL INC.

GENERAL INC.

APPLICANT: Ribozyme Pharmaceutical, Inc.

APPLICANT: Morisaey, David

APPLICANT: Morisaey, David

APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)

TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/060 (MBHBO2-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
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PRIOR PILING DATE: 2003-09-23
PRIOR PLICATION NUMBER: PCT/US02/09187
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/335,059
PRIOR PLING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR PLING DATE: 2001-12-05
PRIOR PLING DATE: 2002-02-0
PRIOR PLING DATE: 2002-02-0
PRIOR PLING DATE: 2002-02-0
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2000-13-26
PRIOR PLING DATE: 2000-13-26
PRIOR APPLICATION NUMBER: US 69/740,332
PRIOR PLING DATE: 2000-12-18
PRIOR PLING DATE: 2000-12-18
PRIOR PLING DATE: 2000-12-18
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 200
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Best Local Similarity 25.0%; Prec. ...
Marches 4; Conservative 11; Mismatches
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR PELING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: PCT US02/09187
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Publication No. US20030206887A1
                                                                   APPLICANT: Sirna Therapeutics,
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 UUUUCUUUUGUCUUUG 16
       Publication No. US20040127446A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-214
                                                                                                                                                                         James, McSwiggen
David, Morrissey
                                                                                                                                                                                                                                         Pamela, Pavco
Patrice, Lee
Kenneth, Draper
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sequence 134, Application US/10447136
sequence 134, Application US/10447136
publication No. US20040009948A1
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
APPLICANT: WRIGHT, Jim A.
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
TITLE OF INVENTION: ALORDONELS: 021396-023
CURRENT FILING DATE: 2003-05-29
CURRENT FILING DATE: EARLIER APPLICATION NUMBER: US/09/249,247
PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
PRIOR FILING DATE: BARLIER FILING DATE: 1999-03-07
PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SOSTWARE: PARENTER FILING DATE: 1997-08-01
NUMBER OF SEQ ID NOS: 220
SEQ ID NO 134
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| Sequence 69, Application US/10371474
| Publication No. US20030144242A1
| GENERAL INNORMATION:
| APPLICANT: Donna T. Ward
| APPLICANT: William Gaarde
| APPLICANT: Brett P. Monia
| FILE REFERENCE: RTS-0169
| FILE REFERENCE: RTS-0169
| CURRENT FILING DATE: 2003-02-21
| PRIOR FILING DATE: 2003-09-29
| SEQ ID NO 69
| SEQ ID NO 89
| LENGTH: 20
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Pred. No. 51;
0; Mismatches 3;
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93.8%; Pred
0; h
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity 93.8
Matches 15, Conservative
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ORGANISM: Human
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Sequence 1290, Application US/10244647

Publication No. US2003026687A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morxissey, David
APPLICANT: Morxissey, David
APPLICANT: Beigelman, Leonid
APPLICANT: Beigelman, Leonid
APPLICANT: Morshigsen, James
APPLICANT: Selection Nucleic Acid (sinA)
FILE REFERENCE: 400/060 (MEHBOZ-1000)
FILE REFERENCE: 400/060 (MEHBOZ-1000)
FILE REFERENCE: 400/060 (MEHBOZ-1000)
FILE REFERENCE: 400/060 (MEHBOZ-1000)
FILE REFERENCE: 400/060 (MEHBOZ-02-20)
FRIOR PLILING DATE: 2002-02-20
FRIOR PLILING DATE: 2002-02-20
FRIOR PLILING DATE: 2002-03-26
FRIOR FILING DATE: 2002-03-26
FRIOR FILING DATE: 2003-03-26
FRIOR PLING DATE: 2003-03-26
FRIOR FILING DATE: 2003-03-36
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TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA); FILE REFERENCE: 400/060 (MBHB02-1000)
CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14
PRIOR PELING DATE: 2003-04-14
PRIOR PELING DATE: 2002-02-20
PRIOR PELING DATE: 2002-03-36
PRIOR PELING DATE: 2002-07-03
PRIOR PELING DATE: 2002-07-03
PRIOR PELING DATE: 2002-03-26
PRIOR PELING DATE: 2002-03-26
PRIOR PELING DATE: 2001-06-08
NUMBER: OF SEQ ID NOS: 1524
SOFTWARE: Patentin version 3.0
SEQ ID NO 1252
LENGTH: 19
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19.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
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Matches 15; Conserv
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TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-4117
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Best Local Similarity
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Best Local Similarity
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                                ; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-609
LENGIH: 21
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APPLICANT: Bachmanov, Gary K.
APPLICANT: Bachmanov, Gary K.
APPLICANT: Chatterjee, Aurobindo
APPLICANT: Chatterjee, Aurobindo
APPLICANT: Li, Shantu
APPLICANT: Li, Shantu
APPLICANT: Li, Xia
APPLICANT: Li, Xia
APPLICANT: Dimei, Jeffrey D
APPLICANT: Reed, Danielle R.
APPLICANT: Reed, Danielle R.
APPLICANT: Reed, Danielle R.
APPLICANT: Reed, Danielle R.
APPLICANT: Rese, Danielle R.
APPLICANT: Rese, Danielle R.
APPLICANT: TOTOGOFF, Michael G.
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETNERS
FILE REFERENCE: PC18306A
CURRENT APPLICATION NUMBER: 60/200,193A
CURRENT FILING DATE: 2002-10-25
PRICR PFLING DATE: 2002-04-28
PRICR FILING DATE: 2002-04-28
                                                                                                                 THIS REFERENCE: 21402-279

CURRENT APPLICATION NUMBER: 06/271,646

PRIOR PAPLICATION NUMBER: 06/271,646

PRIOR PAPLICATION NUMBER: 06/271,646

PRIOR PELING DATE: 2001-02-25

PRIOR APPLICATION NUMBER: 06/276,401

PRIOR PLING DATE: 2001-03-16

PRIOR PLING DATE: 2001-03-27

PRIOR PLING DATE: 2001-03-20

PRIOR PLING DATE: 2001-03-28

PRIOR PLING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/272,405

PRIOR PLING DATE: 2001-03-28

PRIOR APPLICATION NUMBER: 60/272,405

PRIOR APPLICATION NUMBER: 60/272,405

PRIOR PLING DATE: 2001-03-28

PRIOR PLING DATE: 2001-03-28
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                                APPLICANT: Alsobrook et al.
TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-279
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ORGANISM: Artificial Sequence
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SOFTWARE: PatentIn Ver. 3.1
SEQ ID NO 609
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Patent No. US2002013385241

Patent No. US2002013385241

APPLICANT: Effertz, Roger J.

APPLICANT: Effertz, Roger J.

APPLICANT: Effertz, Roger J.

APPLICANT: Effertz, Roger J.

PILE REFERENCE: 38-10(52679)A

CURRENT APPLICATION NUMBER: US/09/969,373

CURRENT APPLICATION NUMBER: US 09/754,853

PRIOR PILING DATE: 2001-01-05

PRIOR PILING DATE: 2001-01-05

PRIOR PILING DATE: 2001-01-13

PRIOR PILING DATE: 2001-01-13

PRIOR PILING DATE: 2001-01-13

PRIOR PILING DATE: 2001-05-15

NUMBER: OF SEQ ID NOS: 4593

SEQ ID NO 4117
  DB 1; Length 21;
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                                                  3; Indels
                                                                                                                                                                                                                                 Sequence 12, Application US/09874162A

Sequence 12, Application US/09874162A

Patent No. US20020155452A1

GENERAL INFORMATION:

APPLICANT: Koontz, Jason

APPLICANT: Koontz, Jason

TITLE OF INVENTION: ENDOMETRIAL STROMAL TUWORS

TITLE OF INVENTION: ENDOMETRIAL STROMAL TUWORS

TITLE OF INVENTION: ENDOMETRIAL STROMAL TUWORS

CURRENT APPLICANION NUMBER: US/09/874,162A

CURRENT FILING DATE: 2001-06-04

PRIOR FILING DATE: 2000-06-02

NUMBER OF SEQ ID NOS: 23

SOFTWARE: RaseSEQ for Windows Version 4.0

LENGTH: 20
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Score 14.2; D
Pred. No. 53;
0; Mismatches
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88.2%; Pred. No. 54;
                                                                                             927 TTTATCCCTCCTCTTCATT 945
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                                                                                                                                              19 TrrcrccArccrcrrcrr
  19.5%;
84.2%;
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ORGANISM: Artificial Sequence
FEATURE:
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                                                Conservative
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Sequence 4603, Application US/10289762
; Publication No. US20040006218A1
; Publication No. US20040006218A1
; Publication No. US20040006218A1
; GENERAL INFORMATION:
    APPLICANT: Griffais, R
    TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, preverance of INVENTION: and treatment of infection
; TITLE OF INVENTION: and treatment of infection
; TITLE OF INVENTION: 03-99
; CURRENT FILING DATE: 2003-03-27
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4603

LENGTH: 20
APPLICANT: Guzman, Luz-Maria
TITLE OF INVENTION: USE OF YACM AND YQEJ, ESSENTIAL BACTERIAL GENES AND POLYPEPTIDES
TITLE OF INVENTION: AND THEIR USE
FILE REPRENENTE: 06266-140001
CURRENT APPLICATION NUMBER: US/09/792,251
CURRENT PILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 28
SQCTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 20
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APPLICANT: Kniec, Eric B.
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Gamper, Howard B.
APPLICANT: Gamper, Howard C.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted C.
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REPRENCE: Napro-4
CURRENT APPLICATION NUMBER: US 60/192,176
PRICE APPLICATION NUMBER: US 60/192,176
PRICE FILING DATE: 2000-03-27
PRICE FILING DATE: 2000-03-27
PRICE FILING DATE: 2000-03-27
PRICE FILING DATE: 2000-06-01
PRICE FILING DATE: 2000-06-01
PRICE FILING DATE: 2000-06-01
PRICE FILING DATE: 2000-06-01
PRICE APPLICATION NUMBER: US 60/208,538
PRICE APPLICATION NUMBER: US 60/204,989
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Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches
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Best Local Similarity 80.0%; Pred. No. 63;
Matches 16; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: primer for PCR US-09-792-251-23
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US-10-289-762-4603
                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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; Publication No. US20040092464A1
; Fublication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 70, Application US/10293863
Publication No. US20040092464A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dean
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODILATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
FILE REFERENCE: H75-0090
CURRENT APPLICATION NUMBER: US/10/293,863
CURRENT FILING DATE: 2002-11-11
NUMBER OF SEQ ID NOS: 78
SEQ ID NO 70
LENGTH: 20
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                 2; Indels
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Mismatches
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88.2%; Pred. No. 59;
ive 0; Mismatches
                 Mismatches
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Patent No. US20020160364A1
GENERAL INFORMATION:
APPLICANT: Fritz, Christian
APPLICANT: Youngman, Philip
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                                                              912 CTTTGGTCTTTGCCTTT 928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                        18 CriidGirigicCiri
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Best Local Similarity 88..
Best Local 5; Conservative
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Best Local Similarity 88.2
Matches 15; Conservative
                 15; Conservative
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ORGANISM: H. sapiens
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US-09-792-251-23/c
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US-10-293-863-37
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US-10-293-863-70
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                 Matches
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Sequence 1602, Application US/09877478

Sequence 1602, Application US/09877478

Publication No. US20030068301A1

GENERAL INFORMATICN:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Morrises, Dave
TILLE OF INVENTION: Wethod and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REPRENCE: MBHB00-845-H (400/02)
CURRENT APPLICATION: Wethod and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REPRENCE: MBHB00-845-H (400/02)
CURRENT FILING DATE: 2001-12-31

PRIOR FILING DATE: 2001-12-31

PRIOR FILING DATE: 2000-03-20

PRIOR FILING DATE: 2000-03-20

PRIOR FILING DATE: 2000-03-20

PRIOR PLILING DATE: 2000-03-20

PRIOR PLILING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: US 09/636,347

PRIOR APPLICATION NUMBER: US 08/133,993

PRIOR APPLICATION NUMBER: US 08/433,993

PRIOR FILING DATE: 1995-05-04

PRIOR FILING DATE: 1995-01-08

PRIOR FILING DATE: 1995-05-04

PRIOR PRIOR PLING DATE: 1995-05-04

PRIOR PRIOR PLING DATE: 1995-05-04

PRIOR PLING DATE: 1995-05-04

PRIOR PLING DATE: 1995-05-04

PRIOR PRIOR PLING DATE: 1995-05-04

PRIOR PLING DATE: 1995-05-04
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18.4%; Score 13.4; Districty 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-09-09
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/193,693
PRIOR PILING DATE: 1994-02-07
PRIOR PILING DATE: 1995-06-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-01-08
NUMBER OF SEQ ID NOS: 6586
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Best Local Similarity 26.7%
Matches 4; Conservative
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; ORGANISM: Hepatitis B virus
US-09-877-478-1602
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Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kainec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: Stranded Oligonucleotides
FILE PEPERRENE'S Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2000-03-27
FRIOR FILING DATE: 2000-03-27
FRIOR FILING DATE: 2000-03-27
FRIOR APPLICATION NUMBER: US 60/192,179
FRIOR FILING DATE: 2000-06-01
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
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Sequence 909, Application US/09877478
Sequence 909, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Blatt, Lary
APPLICANT: Blatt, Lary
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
TITLE OF INVENTION: McHod and Reagent for Inhibiting Hepatitis B Virus Replication
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR APPLICATION NUMBER: US 09/531,025
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         PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 559
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                              14; Conservative
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                                                                                                                                                                     TYPE: DNA
CORGANISM: Homo sapiens
US-09-818-875-559
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US-09-818-875-560
                                                                                                                                                                                                                                                                                                                          Best Local Similarity
Matches 14; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matches 14; Conserv
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LENGTH: 17
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| APPLICANT: Rice, Enc B.
| APPLICANT: Rice, Michael C.
| TITLE OF INVENTION: Stranded Oligonucleotides
| TITLE OF INVENTION: ONDER: US/10/209,787
| CURRENT APPLICATION NUMBER: US 60/192,176
| PRIOR FILING DATE: 2000-03-27
| PRIOR PELICATION NUMBER: US 60/192,179
| PRIOR PELICATION NUMBER: US 60/192,179
| PRIOR PELICATION NUMBER: US 60/244,989
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Publication No. US20030217377A1
GENERAL INFORMATION:
APPLICANT: Kanec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/10/209,787
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18.4%; Score 13.4; D
Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR FILING DATE: 1993-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTHARE: PATENTIN VERSION 3.2
SEQ ID NO 1602
LENGTH: 17
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Publication No. US20030217377A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 UUUCUUUUGUCUUUG 15
                                                                                                                                                                                                                                                                                 TYPE: RNA
CORGANISM: Hepatitis B virus
US-10-342-902-1602
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Best Local Similarity 93.3*
Matches 14; Conservative
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; ORGANISM: Homo sapiens
US-10-209-787-559
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                                                                                                                                                                                                                                                                                                                                        APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
FILE REFERENCE: 400/075 (MBHB00-845-1)
CURRENT FILING DATE: 1003-01-15
PRIOR APPLICATION NUMBER: US 09/634,385
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 1000-03-20
PRIOR FILING DATE: 1000-03-20
PRIOR FILING DATE: 1999-11-08
NUMBER: 1994-02-07
PRIOR FILING DATE: 1999-11-08
NUMBER: PRIOR FILING DATE: 1999-11-08
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US-10-342-902-1602

Sequence 1602, Application US/10342902

Publication No. US20040054156A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Morrissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

TITLE OF INVENTION: Morrissey, Dave

TITLE OF INVENTION: WIMBER: US 09/871,478

PRIOR FILING DATE: 2001-06-08

PRIOR PLICATION NUMBER: US 09/831,025

PRIOR PLICATION NUMBER: US 09/636,385

PRIOR PLING DATE: 2000-03-20

PRIOR PLING DATE: 2000-03-20

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-010-24

PRIOR FILING DATE: 2000-010-24

PRIOR FILING DATE: 1994-02-07
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26.7%; Pred. No. 60;
Live 10; Mismatches
                                                                                                                                                                                                         Sequence 909, Application US/10342902 Publication No. US20040054156A1 GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
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; ORGANISM: Hepatitis B virus
US-10-342-902-909
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Best Local Similarity 26.7%
Matches 4; Conservative
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APPLICANT: David, Moritseey
APPLICANT: Panela, Pavco
APPLICANT: Battice, Lee
APPLICANT: Eliaabeth, Draper
APPLICANT: Eliaabeth, Roberte
APPLICANT: Eliaabeth, Roberte
APPLICANT: Eliaabeth, Roberte
APPLICANT: Eliaabeth, Roberte
APPLICANT: MISSING ALGONICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS RELICANTON
TITLE OF INVENTION: VIRUS RELICATION
FILE REPRENENT: 40042US (MBHB02-249-E)
CURRENT APPLICATION NUMBER: US 60/296,841
CURRENT FILING DATE: 2003-03-26
PRIOR APPLICANTON NUMBER: US 60/396,876
PRIOR APPLICANTON NUMBER: US 60/336,059
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
PRIOR PLING DATE: 2002-02-20
PRIOR APPLICANTON NUMBER: US 60/336,124
PRIOR FILING DATE: 2000-03-11
PRIOR FILING DATE: 2000-03-11
PRIOR FILING DATE: 2000-03-11
PRIOR FILING DATE: 2000-03-11
PRIOR FILING DATE: 2000-01-12-18
PRIOR FILING DATE: 2000-01-12-18
PRIOR APPLICANTON NUMBER: US 09/611,931
                APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: NaPro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-06-01
PRIOR PELING DATE: 2000-06-01
PRIOR PELING DATE: 2000-06-01
PRIOR PILING DATE: 2000-07-03-00
PRIOR PILI
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.; Sequence 909, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
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David, Morrissey
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Matches 14; Conservative
APPLICANT: Kmiec, Eric B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-560
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APPLICANT: Kaniec, Howard B.
APPLICANT: Raniec, Howard B.
APPLICANT: Raniec, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR PILING DATE: 2000-03-27
PRIOR PELING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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                         PRIOR FILING DATE: 2001-03-27
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR PILING DATE: 2000-06-01
PRIOR FILING DATE: 2000-06-01
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SOFTWARE: Friedman macro Napro4
SEQ ID NO 559
LENGTH: 17
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CORGANISM: Homo sapiens
US-10-209-787-560
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US-10-261-185-559
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Best Local Similarity
Matches 14; Conserv
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US-10-261-185-560
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Matches 14
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Sequence 560, Application US/10681074

Publication No. US2004015722A1

GENERAL INFORMATION

GENERAL INFORMATION

APPLICANT: VAN BRABANT, ANJA

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE OF INVENTION UNDER: US/10/681,074

CURRENT APPLICATION NUMBER: US/20/681,074

CURRENT FILING DATE: 2003-10-07

PRIOR FILING DATE: 2003-03-07

PRIOR FILING DATE: 2002-10-07

PRIOR FILING DATE: 2002-10-07

NUMBER OF SEQ ID NOS: 4375

SOFTWARE: PRIOR FILING DATE: 2002-110-07

LENGTHARE: PRIOR FILING DATE: 2005-110-07

LENGTH: 17
                                                                                                                                                            Sequence 559, Application US/10681074

Publication No. US20040175722A1

GENERAL INFORMATION

GENERAL INFORMATION

APPLICANT: FAIEC, ERIC B.

APPLICANT: VAN BRABANT, ANJA

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE OF INVENTION: US 001-0018 US

CURRENT APPLICATION NUMBER: US/10/681,074

CURRENT PILING DATE: 2003-1007

PRIOR FILING DATE: 2003-10-07

PRIOR FILING DATE: 2003-10-07

NUMBER OF SEQ ID NOS: 4375

SOFTWARE: PATENTIN VERSION 3.2

SEQ ID NO 559

LENGTH: 17
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Best Local Similarity 93.3%; Pred. No. 60;
Matches 14; Conservative 0; Mismatches
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Sequence 598, Application US/10244647
Publication No. US20030206887A1
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CORGANISM: Homo sapiens
US-10-681-074-559
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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US-10-681-074-560
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APPLICANY: Remeth, Deberg
APPLICANY: Blisabeth, Roberts
TITLE OF INVENTION: OLIGOMUCLECTION
FILE REPERBACE: 400/04205 (WHEDICATION)
FILE REPERBACE: 400/04205 (WHEDICATION)
FILE REPERBACE: 400/04205 (WHEDICATION)
FILE REPERBACE: 400/04205 (WHEDICATION)
FILE REPERBACE: 2002-02-3
FRIOR APPLICATION NUMBER: US 60/296,876
FRIOR APPLICATION NUMBER: US 60/335,099
FRIOR FILING DATE: 2001-01-0-4
FRIOR APPLICATION NUMBER: US 60/335,099
FRIOR APPLICATION NUMBER: US 60/335,099
FRIOR APPLICATION NUMBER: US 60/339,24
FRIOR APPLICATION NUMBER: US 60/339,329
FRIOR PELING DATE: 2002-02-30
FRIOR PELING DATE: 2002-03-31
FRIOR PELING DATE: 2001-03-26
FRIOR PELING DATE: 2000-02-31
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2000-03-32
FRIOR FILING DATE: 2000-03-31
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PRIOR FILING DATE: 2000-02-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 16207
SOFTWARE: Patentin version 3.0
SEQ ID NO 909
LENGTH: 17
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Best Local Similarity 26.7%; Pred. No. 60;
Matches 4; Conservative 10; Mismatches
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ilarity 26.7%; Pred. No. 60;
Conservative 10; Mismatches
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Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Lawrence, Blatt
APPLICANT: Dannis, Macejak
APPLICANT: Dannis, Macejak
APPLICANT: Dannis, Macejak
APPLICANT: Danie, Moswigen
APPLICANT: David, Morrissey
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                                                                                                                                                                                                                                               ; ORGANISM: Hepatitis B Virus US-10-669-841-909
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ORGANISM: Hepatitis B Virus
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Patrice, Lee
Kenneth, Draper
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Best Local Similarity
Matches 4; Conserv
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us-lu-244-b4/1-1244, Application US/10244647
; Sequence 1244, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INPORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) UF
; TITLE OF INVENTION: RNA Interfering Nucleic Acid (sinA)
; TITLE OF INVENTION: RNA INTERFERING NUMBER: US 60/358,580
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US 60/393,924
; PRIOR PILING DATE: 2002-07-03
; PRIOR PLING DATE: 2002-07-03
; PRIOR PLING DATE: 2002-07-03
; PRIOR PLING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SEQ ID NO 1244
; SEQ ID NO 1244
; LENGTH: 19
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APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Mosrissey, David
APPLICANT: Mosrissey, David
APPLICANT: Mosrissey, David
APPLICANT: Mosrissey, David
APPLICANT: Bedgelman, Leonid
TITLE OF INVENTION: Short Interfering Nucleic Acid (sinA)
FILE REFERENCE: 400/060 (WRHB02-100)
CURRENT FILING DATE: 2003-04-14
CURRENT FILING DATE: 2003-04-14
FRIOR APPLICATION NUMBER: US 60/359,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2001-06-08
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US-10-244-647-1244
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Publication No. US20030206887A1
GENERAL INFORMATION:
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LENGTH: 19
907 ATTITCTTIGGICTT 921
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Matches 14; Conservative
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            | JERUSHALL INFORMATION:
| JERUSHALL INFORMATION:
| APPLICANT: Nibozyme Pharmaceutical, Inc.
| APPLICANT: Morrissey, David
| APPLICANT: Beigelman, Leonid
| TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
| TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
| TILE REPRESENCE: 400/060 (MBHB02-1000)
| FILE REPRESENCE: 400/060 (MBHB02-1000)
| FRICH APPLICATION NUMBER: US 60/358,580
| PRIOR PILING DATE: 2002-02-20
| PRIOR PLING DATE: 2002-03-26
| PRIOR FILING DATE: 2002-03-26
| PRIOR FILING DATE: 2001-06-08
| NUMBER: OF SEQ ID NOS: 1524
| SEQ ID NOS: 1524
| SEQ ID NOS: 1524
| TANDAR PRIOR PATENTION NUMBER: PATENTING DATE: 2001-06-08
| SEQ ID NOS: 1524
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18.4%; Score 13.4; D
Best Local Similarity 26.7%; Pred. No. 65;
Matches 4; Conservative 10; Mismatches
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Publication No. US20030206887A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 4; Conserv
   GENERAL INFORMATION:
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OTHER INFORMATION: primer
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                     ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region
US-10-244-647-1283
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Patent No. US20101019328A1
Patent No. US20101019328A1
APPLICANT: Brett P. Monia
APPLICANT: Jacquelline Wyatt
TILLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETVLASE 1 EXPRESSION
FILE REPERENCE: RTS-0140
CURRENT APPLICATION NUMBER: US/09/754,167
CURRENT FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 87
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Factor No. US20020094523A1
GENERAL INFORMATION:
APPLICANT: Statian, Michael
APPLICANT: Hunter, Eric
TITLE OF INVENTION: Chimeric Retroviral Gag Genes and Screening Assays
FILE REPERENCE: UAB-100XC1
CURRENT APPLICATION NUMBER: US/09/968,355
CURRENT PILING DATE: 2001-09-28
FRIOR APPLICATION NUMBER: 60/236,273
FRIOR APPLICATION NUMBER: 60/236,273
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
LENGTH: 19
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COTHER INFORMATION: Antisense Oligonucleotide
US-09-754-167-57
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18.4%; Score 13.4; Di
Best Local Similarity 93.3%; Pred. No. 68;
Matches 14; Conservative 0; Mismatches
                                                                                                    Query Match
18.4%; Score 13.4; D
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches
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Pred. No. 70;
0; Mismatches
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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OTHER INFORMATION: PCR primer
US-09-968-355-5
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Best Local Similarity 83.3%;
Matches 15; Conservative
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US-09-968-355-5/c
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US-09-754-167-57
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                                                                                                                          APPLICANT: Baron, M.
APPLICANT: Baron, M.
APPLICANT: Farrington, S.
APPLICANT: Belaussoff, M.
TITLE OF INVENTION: GROWTH
FILE REFERENCE: HUIP-POL-060
CURRENT APPLICATION NUMBER: 05/09/021,660A
CURRENT APPLICATION NUMBER: 60/097,513
PRIOR APPLICATION NUMBER: 60/037,513
PRIOR PLING DATE: 1997-02-10
PRIOR PLING DATE: 1997-02-10
PRIOR PLING DATE: 1997-02-10
SOFTWARE: PALENTION NUMBER: 60/049,763
PRIOR PLING DATE: 1997-02-10
SOFTWARE: PALENTION NUMBER: 100/049,763
PRIOR PLING DATE: 1997-02-10
SOFTWARE: PALENTION NUMBER: 100/049,763
FILENGTH: 100 NUMBER: 100/049,763
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| Sequence 41, Application US/09242772|
| Publication No. US20020009720A1|
| GENERAL INFORMATION:
| APPLICAMITY UD ABMS INTERUNIVERSITAIR INSTITUUT WOOR BIOTECHNOLOGIE
| TITLE ON INVENTION: PLAG Gene family and tumorigenesis
| TILE REFERENCE: VIB-011-08|
| PILE REFERENCE: VIB-011-08|
| PRIOR PELLING DATE: 1999-06-25|
| PRIOR PILING DATE: 1999-06-25|
| PRIOR PILING DATE: 1997-01-17|
| SOFTWARE: PET-01-17|
| SOFTWARE: PET-01-17|
| SOFTWARE: PET-01-17|
| SEQ ID NOS: 139|
| SEQ ID NOS: 139|
| SEQ ID NOS: 130|
| SEQ ID NOS: 120|
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18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels
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18.1%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches 3; Indels
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; OTHER INFORMATION: sense primer CH122
US-09-242-772-41
Sequence 12, Application US/09021660A Patent No. US20010041668A1 GENERAL INFORMATION:
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Publication No. US20040006029A1
GENERAL INFORMATION:
APPLICANT: SUSAN M. Dean
APPLICANT: SUSAN M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF CELL DIVISION CYCLE 2 EXPRESSION
FILE REPRESENT APPLICATION NUMBER: US/10/189,266
CURRENT APPLICATION NUMBER: US/10/189,266
CURRENT PILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 150
SEQ ID NO 39
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                     APPLICANT: Bertram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHETMER'S DISEASE AND OTHER
TITLE OF INVENTION: BOUNDEGENERATIVE DISEASE
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US 60/339,525
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR PELING DATE: 2001-11-08
PRIOR PLING DATE: 2001-11-08
PRIOR PELING DATE: 2001-11-08
PRIOR PELING DATE: 2001-11-08
PRIOR PELING DATE: 2001-11-08
PRIOR PELING DATE: 2001-12-04
PRIOR PELING DATE: 2001-12-04
PRIOR PELING DATE: 2001-12-04
PRIOR PELING DATE: 2001-12-04
PRIOR PELING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SEQ ID NO 284
LENGTHAL 2002-03-28
LENGTHAL 2003-03-28
LENGTHAL 20
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OTHER INFORMATION: Antisense Oligonucleotide
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18.1%; Score 13.2; D
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches
Sequence 284, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Valicalebi, Gonul
APPLICANT: Biliot, Kathryn J.
APPLICANT: Mang, Xii.
APPLICANT: Mang, Xii.
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ORGANISM: Artificial Sequence
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GENERAL INFORMATION:

GENERAL INFORMATION:

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APPLICANTION:

TITLE OF INVENTION:

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| Sequence 59, Application US/10199221
| Publication No. US20040014048A1
| GENERAL INFORMATION | DESCRIPTION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION | TITLE OF INVENTION ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION | FILE REFERENCE: PTS-0009 | CURRENT APPLICATION NUMBER: US/10/199,221 | CURRENT PILING DATE: 2002-07-18 | NUMBER OF SEQ ID NOS: 101
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                                                                               DB 1; Length 20;
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                                                                          ; Score 13.2; DB
; Pred. No. 73;
0; Mismatches
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CTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-59
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83.3%; Pred. No. 73;
tive 0; Mismatches
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; Sequence 2716, Application US/10289762
; Publication No. US20040006218A1
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US-10-272-727-49/C
Sequence 49, Application US/1027277
; Publication No. US20040077567A1
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                                                                                   18.1%;
83.3%;
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Best Local Similarity 83.33
Matches 15; Conservative
                                                                                   Query Match 18.1
Best Local Similarity 83.3
Matches 15; Conservative
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Matches 15; Conserv
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US-10-189-266-39
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103-10-217A-51
Sequence 51, Application US/10317277A
Sequence 51, Application US/10317277A
Sequence 51, Application No. US20040110159A1
SERBRAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
FILE REPRESENCE: RTS-0473
CURRENT APPLICATION NUMBER: US/10/317,277A
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.2
SEQ ID NO 51
LENGTH: 20
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US-10-27-811-49/C
is Sequence 49, Application US/10272811
is Dublication No. US20040076621A1
is GENERAL INFORMATION:
it TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
it TITLE OF INVENTION: ANTISENSE WODULATION OF CD36 EXPRESSION
it TITLE OF INVENTION: ANTISENSE WODULATION OF CD36 EXPRESSION
it CURRENT APPLICATION NUMBER: US/10/272,811
it CURRENT PILING DATE: 2002-10-16
is SEQ ID NOS: 102
it ENGRH: 20
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APPLICANT: Andrew T. Watt
APPLICANT: Randy Lane Bell
TITLE OF INVENTION: ANTISENSE MODULATION OF CD36 EXPRESSION
FILE REFERENCE: RTS-0261
CURRENT APPLICATION NUMBER: US/10/272,727
CURRENT FILING DATE: 2002-10-16
NUMBER OF SEQ 1D NOS: 102
LENGTH: 20
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-272-727-49
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-51
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18.1%; Score 13.2; D
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches
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18.1%; Score 13.2; D
Best Local Similarity 83.3%; Pred. No. 73;
Matches 15; Conservative 0; Mismatches
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ORGANISM: Artificial Sequence
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Sequence 127, Application US/10317277A

Sequence 127, Application US/10317277A

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Dobie, Kenneth W.
TILLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
CURRENT FILMS PAPELICATION NUMBER: US/10/317,277A
CURRENT APPLICATION NUMBER: US/10/317,277A
NUMBER OF SEQ ID NOS: 168
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
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Length 20;
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                                    Indels
Query Match
Best Local Similarity 83.3%; Pred, No. 73;
Matches 15; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-774-888-59
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                                                                     915 IGGICTTIGCCTTTTAIC 932
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Best Local Similarity 83.3
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-127
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US-10-317-277A-127/c
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Query Match
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RESULT 75
US-10-238-700-802
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US-10-108-714-8/c
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FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR PPLICATION NUMBER: PCT/US01/00667
PRIOR PPLICATION NUMBER: PCT/US01/00664
PRIOR PLILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PLILING DATE: 2001-01-30
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f: Zhang, Jian
INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Indels
                                       0; Mismatches
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87.5%; Pred. No. 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 4341
LENGTH: 17
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SOFTWARE: Acomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4342, Application US/10060756A Publication No. US20030046717A1 GENERAL INFORMATION:
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CORGANISM: Homo sapiens
US-10-060-756A-4341
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Best Local Similarity
Matches 14; Conserv
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Sequence 802, Application US/10238700

Sequence 802, Application US/10238700

Sequence 802, Application US/10238700

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TILE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Levels
FILE REPERENCE: 400/057 (MRHB01-1158-A)
CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666

SOFTWARE: Pacentin Version 3.0

SEQ ID NO 802
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APPLICANT: Regan, John W.
APPLICANT: Gil, Daniel W.
APPLICANT: Gil, Daniel W.
APPLICANT: Gil, Daniel W.
APPLICANT: Woodward, David F.
TITLE OF INVENTION: NO. US20020128445Alel Human Prostaglandin EP Receptor FILE REFERENCE: 17023 DIV CIP
CURRENT APPLICATION NUMBER: US/10/108,714
CURRENT FILING DATE: EARLIER PILING DATE: 1999-03-12
PRIOR PLILING DATE: EARLIER PILING DATE: 1999-03-12
PRIOR PILING DATE: EARLIER PILING DATE: 1999-03-12
PRIOR PILING DATE: EARLIER FILING DATE: 1994-05-05
NUMBER OF SEQ ID NOS: 10
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 8
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                          Indels
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Best Local Similarity 87.5%; Fred. No. 74;
Matches 14; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 8, Application US/10108714 Publication No. US20020128445A1 GENERAL INFORMATION:
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Best Local Similarity 87.55
Matches 14; Conservative
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ORGANISM: Homo sapiens
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US-09-925-548-46
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                              Sequence 36, Application US/10197290

| Sequence 36, Application US/10197290
| Publication No. US20030083300A1
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: Elsabeth J. Ackermann
| APPLICANT: Lex M. Cowsert
| TITLE OF INVENTION: ANTISENS MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
| TITLE OF INVENTION: ANTISENS MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
| TITLE OF INVENTION: ANTISENS NOT TITLE OF INVENTION: APPLICATION NUMBER: US/10/197,290
| FILE REFREENCE: RTSP-0421
| CURRENT FILING DATE: 2001-20-04
| PRIOR APPLICATION NUMBER: PCT/US99/22083
| PRIOR FILING DATE: 1999-09-23
| NUMBER OF SEQ ID NOS: 47
| SEQ ID NO 36
| LEADTH: 18
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APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, Lex M.
APPLICANT: Cowsert, John
APPLICANT: Sasmor, Henri M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooke, Douglas G.
APPLICANT: Brooke, Douglas G.
APPLICANT: Brooke, Douglas G.
APPLICANT: Watt, Jacqueline R.
APPLICANT: Watt, Jacqueline R.
APPLICANT: Workers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENEFIC TARGETS FOR
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 189
LENGTH: 18
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 189, Application US/10388263; Publication No. US20030228597A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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US-10-388-263-189
RESULT 77
US-10-197-290-36
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; LOCATION: 1..19 —
; OTHER INPORMATION: downstream amplification primer 99-10966 for SEQ 2430, in compleme
US-10-349-143-10295
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; Sequence 10295, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INPORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Chuakov, Ilya
; TILE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REPERBNCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; RIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; RUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10295
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Sequence 46, Application US/09925548

Sequence 46, Application US/09925548

Patent No. US20020107216A1

GENERAL INFORMATION:
APPLICANT: Hannigan, Greg
APPLICANT: Yee, Arthur
TILE OF INVENTION: INTERNIN-LINKED KINASE AND ITS USES
FILE REFERENCE: KINEOOLCIP4
CURRENT FILING DATE: 2001-08-08

PRIOR FILING DATE: 1999-09-03

PRIOR FILING DATE: 1998-09-03

PRIOR FILING DATE: 1998-03-05

PRIOR FILING DATE: 1998-11-19

PRIOR FILING DATE: 1998-11-19

PRIOR FILING DATE: 1998-11-21

NUMBER OF SEQ ID NOS: 97

SEQ ID NO 46

LENGTH: 19
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87.5%; Pred. No. 80;
Live 0; Mismatches
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Best Local Similarity 87.5
Matches 14; Conservative
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LOCATION: 1..19
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US-10-349-143-10295/c
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Length 19;

17.5%; Score 12.8; DB 1;

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Sequence 597, Application US/10244647

Sequence 597, Application US/10244647

Sequence 597, Application US/1024687A1

GENERAL INFORMATION:

APPLICANT: Ribozywe Pharmaceutical, Inc.

APPLICANT: McSwiggen, James

APPLICANT: McSwiggen, James

APPLICANT: Beggelman, Leonid

APPLICANT: Beggelman, Leonid

TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 2003-04-14

CURRENT APPLICATION NUMBER: US 60/338,580

PRIOR PILING DATE: 2002-02-20

PRIOR PILING DATE: 2002-02-20

PRIOR PILING DATE: 2002-07-03

PRIOR PILING DATE: 2002-07-03

PRIOR FILING DATE: 2002-07-03

PRIOR PILING DATE: 2002-07-03

PRIOR PILING DATE: 2002-07-03

PRIOR PILING DATE: 2001-06-08

PRIOR PILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876

PRIOR PILING DATE: 2001-06-08

SOFTWARE: PatentIn version 3.0

SEGRETARE: PatentIn version 3.0

SEGRETARE: PatentIn Version 3.0
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Publication No. US20030206887A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceutical, Inc.

APPLICANT: Morxissey, David

APPLICANT: Morxissey, David

APPLICANT: McSwiggen, James

APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) UF

TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)

FILE REFERENCE: 400/060 (MBHB02-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-597
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OTHER INFORMATION: Description of Artifical Sequence:
                                                                               Score 12.6; D. Pred. No. 86; 0; Mismatches
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21.1%; Pred. No. 86;
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PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-0
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR PILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: PCT USO2/09187
PRIOR FILING DATE: 2002-03-26
                                                                                                                                                                                                   900 CCTGGTCATTTTCTTTGGT 918
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA
ORGANISM: Artificial Sequence
                                                                               Query Match 17.3%;
Best Local Similarity 78.9%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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Best Local Similarity
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      ; US-10-428-275-438
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TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD FILLE REFERENCE: 21402-585
CURRENT APPLICATION NUMBER: US/10/428,275
CURRENT FILLS DATE: 2001-09-01
PRIOR PLILING DATE: 2001-09-04-06
PRIOR PLILING DATE: 2001-09-04-06
PRIOR PLILING DATE: 2000-04-06
PRIOR PLILING DATE: 1999-04-09
PRIOR PLILING DATE: 1999-04-09
PRIOR PLILING DATE: 1999-04-09
PRIOR PLILING DATE: 1999-04-09
PRIOR PLILING DATE: 1999-05-14
PRIOR PLILING DATE: 1999-05-14
PRIOR PLILING DATE: 1999-05-14
PRIOR PLILING DATE: 2001-02-03
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APPLICANT: GAU, JEN-JR.
TITLE OF INVENTION: BIOLOGICAL IDENTIFICATION SYSTEM WITH INTEGRATED SENSOR
TITLE OF INVENTION: BIOLOGICAL IDENTIFICATION SYSTEM WITH INTEGRATED SENSOR
TITLE OF INVENTION: CHIP
FILE REFERENCE: 0.05876.P00.2
CURRENT APPLICATION WIMBER: US/09/848,727
CURRENT FILING DATE: 2001-05-03
RIOR APPLICATION WIMBER: 60/201,603
RIOR FILING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PARENTING DATE: 2000-05-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PARENTING DATE: 2000-05-03
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                                 2; Indels
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   87.5%; Pred. No. 80; tive 0; Mismatches
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Publication No. US20040067505A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                     Sequence 13, Application US/09848727
Patent No. US20020123048A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       903 GGTCATTTTCTTTGGTCTT 921
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ORGANISM: Artificial Sequence
FEATURE:
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                                 14; Conservative
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Matches 15; Conservative
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SOFTWARE: CuraSeqList ver
Best Local Similarity
Matches 14; Conserv
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US-09-848-727-13/c
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US-09-864-636A-814/C
Sequence 814, Application US/09864636A
PUBLication No. US20030104378A1
GENERAL INFORMATION
APPLICANT: Third Wave Technologies
APPLICANT: Bartholomay, Christian
APPLICANT: Bartholomay, Christian
TILLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT PILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 814

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US-09-664-636A-820/c
| Sequence 820, Application US/09864636A
| Publication No. US20030104378A1
| GENERAL INFORMATION:
| APPLICANT: Third Wave Technologies
| APPLICANT: Allwal, Hatim
| APPLICANT: Batcholomay, Christian
| APPLICANT: Chehak, Luhnne
| TITLE OF INVENTION: Detection of RNA Sequences
| TITLE OF INVENTION: Detection of RNA Sequences
| CURRENT APPLICATION NUMBER: US/09/864,636A
| CURRENT FILING DATE: 2002-10-15
| SOFTWARE: PatentIN version 3.0
| SEQ ID NO 820
                                                                                                                                                                                                                                                                                                                                                                                        Score 12.4; D
Pred. No. 85;
9; Mismatches
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Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches
  PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 6586
SEQ ID NOS 211
LENGTH: 17
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Best Local Similarity 28.6%;
Matches 4; Conservative 5
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ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Synthetic
US-09-864-636A-814
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                                                                                                                                                                                                                                                                                                                 ; ORGANISM: Hepatitis B virus US-09-877-478-211
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Sequence 211, Application US/09877478

Sequence 211, Application US/09877478

Publication No. US20030068301A1

GENERAL INFORMATION:
APPLICANT: Blatt. Larry
APPLICANT: Draper, Kenneth
APPLICANT: Draper, Kenneth
APPLICANT: Blatt. Larry
APPLICANT: Blatt. Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Seey, Dave
CURRENT FILING DATE: 2001-12-31
PRIOR PLING DATE: 2000-13-20
PRIOR PLING DATE: 2000-03-20
PRIOR PLING DATE: 2000-08-09
PRIOR FILING DATE: 2000-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | LOCATION: (810217)...(810230)
| OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1914
US-10-287-919-1518
                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-244-647-1243
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US-10-287-919-1518

| Sequence 1518, Application US/10287919
| Sequence 1518, Application US/10287919
| Publication No. US20030085830A1
| GENERAL INFORMATION:
| APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
| TITLE OF INVENTION: Methanococcus jannaschii complete genome.
| FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
| CURRENT FILING DATE: 2002-11-05
| NUMBER OF SEQ ID NOS: 2706
| SOFTWARE: Proprietary
| SEQ ID NO 118
| LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    17.0%; Score 12.4; I 92.9%; Pred. No. 77; tive 0; Mismatches
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SEQ ID NO 1243
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                             910 TICITIGGICTITGCCTIT 928
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                                                                                                                                                  TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 78.9'
Matches 15; Conservative
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les 13, Conservative
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APPLICANT: SITUAL INSEQUENCES, INC.
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Mcariagen, Jim
CURRENT APPLICANTON NUMBER: US/10/342,902
CURRENT APPLICANTON NUMBER: US 09/871,478
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2000-03-20
PRIOR APPLICANTON NUMBER: US 09/636,385
PRIOR PLING DATE: 1094-02-07
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: 1992-05-14
PRIOR APPLICANTON NUMBER: US 09/436,430
PRIOR PLING DATE: 1992-05-14
PRIOR PRIOR PLING DATE: 1992-05-14
PRIOR PLING DATE: 1992-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SOFTWARE: Patentin version 3.2
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TILLS OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB017.
CURRENT PELLORATION NUMBER: US/10/0667
FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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1; Indels
Mismatches
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US-10-060-756A-4343/c
Sequence 4343, Application US/10060756A
Publication No. US20030046717A1
GENERAL INFORMATION:
                                                                                                                                                                                                        Sequence 211, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
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                                            933 CCTCCTCTTCATTG 946
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  13; Conservative
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US-09-864-426A-814/C
| Sequence 814, Application US/09864426A
| Publication No. US20040018489A1
| GENERAL INFORMATION:
| APPLICANT: Third Wave Technologies
| APPLICANT: Lyamichev, Victor
| APPLICANT: Lyamichev, Victor
| APPLICANT: Saiser. In Michel Engrene For Invention: Engrance for Invention: Engrance for Invention: Engrance for the Detection of RNA Sequences FILE REFERENCE: FORS-04946
| CURRENT APPLICATION NUMBER: US/09/864,426A
| CURRENT FILING DATE: 2001-05-24
| NUMBER OF SEQ ID NOS: 2640
| SEQ ID NO 814
| LENGTH: 17
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                                                                                                                                                              Query Match
17.0%; Score 12.4; D
Best Local Similarity 92.9%; Pred. No. 85;
Matches 13; Conservative 0; Mismatches
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Best Local Similarity 92.9%; Pred. No. 85
Matches 13; Conservative 0; Mismatche
                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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; CTHER INFORMATION: Synthetic
US-09-864-426A-814
                                                                                           OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                         933 CCTCCTCTTCATTG 946
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                                                                                                ; OTHER INFORMALL
US-09-864-636A-820
  LENGTH: 17
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APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Schaefer, James J.
APPLICANT: Strzypczynski, Zbigniew
APPLICANT: Takova, Lisa C.
APPLICANT: Thompson, Lisa C.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
ITILE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT APPLICATION NUMBER: US/202-02-6
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
TYDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
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Lukowiak, Andrew A.
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Olson, Sarah M.
Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
Thompson, Lisa C.
     Bartholomay, Christian T.
                                                                                                                                                                                                                                                            Lyamichev, Victor
Lymaicheva, Natalie E.
Ma, WuPo
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Lymaicheva, Natalie E
                           Chehak, Luhnne
Curtis, Michelle L.
Eis, Peggy S.
Hall, Jeff G.
Ip, Hon S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              933 CCTCCTCTTCATTG 946
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Best Local Similarity 92.93
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kaiser, Michael
                                                                                                                                                                                Kaiser, Michael
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APPLICANT:
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APPLICANT:
APPLICANT:
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APPLICANT:
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US-10-060-756A-4344/C

i Sequence 4344, Application US/10060756A

i Publication No. US2003046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

i TITLE OF INVENTION:

CURRENT PILING DATE: 2002-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PLILING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 94
US-10-084-839-814/C
US-10-084-839-814/C
; Sequence 814, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
                                                                                                                                                                                                                                                                                                                                                                                                                                            914 TTGGTCTTTGCCTT 927
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Best Local Similarity 92.9
Matches 13, Conservative
                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 92.9
Matches 13; Conservative
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; ORGANISM: Homo sapiens
US-10-060-756A-4344
                                                                                                                                                                                                                                   TYPE: DNA
CORGANISM: Homo sapiens
US-10-060-756A-4343
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Gaps
                                       0
17.0%; Score 12.4; DB 1; Length 17; 92.9%; Pred. No. 85; 1; Indels tive 0; Mismatches 1; Indels
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APPLICANT: Martial, Joseph A.
APPLICANT: Martial, Joseph A.
APPLICANT: Martial, Joseph A.
APPLICANT: Struman, Ingrid
APPLICANT: Struman, Ingrid
APPLICANT: Bentzien, Frauke
TITLE OF INVENTION: NO. US203186382Alel Antiangiogenic Peptide Agents and Their
TITLE OF INVENTION: NO. US203318638Alel Antiangiogenic Peptide Agents and Their
TITLE OF INVENTION: Therapeutic and Diagnostic Use
FILE REFERENCE: UCSF-018/02VS
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: 09/076,675
PRIOR APPLICATION NUMBER: 09/076,675
PRIOR APPLICATION NUMBER: 09/076,675
PRIOR PILING DATE: 1997-05-12
PRIOR FILING DATE: 1997-05-12
NUMBER OF SEQ ID NOS: 34
LENGTH: 18
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        Gaps
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APPLICANT: Weiner, Richard I.
APPLICANT: Strumen, Ingrid
APPLICANT: Strumen, Ingrid
APPLICANT: Taylor, Robert
APPLICANT: Taylor, Robert
APPLICANT: Taylor, Novel Antiangiogenic Peptide Agents and Their
ITLE OF INVENTION: Therapeutic and Diagnostic Use
FILE REFERENCE: UCSF-018/02US
CURRENT APPLICATION NUMBER: US/10/714,067
CURRENT PILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: US/09/819,094
PRIOR FILING DATE: 2001-03-27
PRIOR PILING DATE: 1998-05-12
PRIOR PELING DATE: 1998-05-12
PRIOR PILING DATE: 1997-05-12
SEQ ID NOS: 34
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        Indels
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Pred. No. 89;
0; Mismatches
        9; Mismatches
                                                                                                                                                                                                                                          Sequence 31, Application US/09819094 Publication No. US20030186382A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 31, Application US/10714067
Publication No. US20040077054A1
GENERAL INFORMATION:
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Best Local Similarity 92.9%;
Matches 13; Conservative
                                                            907 ATTICITIGGICT 920
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        4; Conservative
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; ORGANISM: Homo sapiens
US-10-714-067-31
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ORGANISM: Homo sapiens
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Matches 13; Conserv
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US-09-819-094-31/c
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APPLICANT: Panela, Pavido
APPLICANT: Panela, Pavido
APPLICANT: Remeth, Draper
APPLICANT: Remeth, Draper
APPLICANT: Elisabeth, Roberte
APPLICANT: Elisabeth, Roberte
APPLICANT: Elisabeth, Roberte
TITLE OF INVENTION: O'LIGOWICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/0420S (MBHE02-249-E)
CURRENT PELLON NUMBER: US/010-02-23
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR PELLON NUMBER: US 60/335,059
PRIOR PILING DATE: 2001-02-03
PRIOR PILING DATE: 2001-12-05
PRIOR PILING DATE: 2001-12-05
PRIOR PILING DATE: 2001-02-11
PRIOR PILING DATE: 2001-03-12
PRIOR APPLICATION NUMBER: US 60/383,124
PRIOR APPLICATION NUMBER: US 60/383,124
PRIOR APPLICATION NUMBER: US 60/383,124
PRIOR APPLICATION NUMBER: US 09/40,332
PRIOR APPLICATION NUMBER: US 09/40,332
PRIOR PILING DATE: 2000-02-18
PRIOR PILING DATE: 2000-02-18
PRIOR PILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR APPLICATION NUMBER: US 09/611,931
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Pred. No. 85;
0; Mismatches
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Pred. No. 85;
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 820
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 211, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Lawrence, Blatt APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                       17.0%;
                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              17.0%;
28.6%;
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; OTHER INFORMATION: Synthetic
US-10-084-839-820
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 933 CCTCCTCTTCATTG 946
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David, Morrissey
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; ORGANISM: Hepatitis B Virus
US-10-669-841-211
                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 92.93
Matches 13; Conservative
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Best Local Similarity
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SEQ ID NO 211
LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Third wave Technologies
APPLICANT: Third wave Technologies
APPLICANT: Third wave Technologies
APPLICANT: Mainer, Victor
APPLICANT: Salser, Michael
TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
FILE REFERENCE: FORS-04946
CURRENT FILING NUMBER: US/09/864,426A
CURRENT FILING DATE: 2001-05-24
NUMBER OF SEQ ID NOS: 2640
SEQ ID NO 201
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                   DB 1; Length 19;
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US-10-084-89-201/c

Sequence 201, Application US/10084839

PUblication No. US20030186238A1

GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Curtis, Michelle L.
APPLICANT: Curtis, Michelle L.
APPLICANT: Els, Peggy S.
Publication No. US20040018489A1
                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 92.9%;
Matches 13; Conservative
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US-09-864-426A-828/c
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; Sequence 828, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Barrholomay, Christian
; APPLICANT: Chehak, Ludane
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION UNBER: US/09/864,636A
; CURRENT PILING DATE: 2002-10-15
; SEQ ID NOS: 2640
; SEQ ID NO 828
: LENGTH: 19
                                                                                                                17.0%; Score 12.4; D 92.9%; Pred. No. 92; tive 0; Mismatches
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; Sequence 201, Application US/09864426A
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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                 907 ATTTTCTTTGGTCT 920
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Best Local Similarity 92.99
Matches 13; Conservative
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US-09-864-4
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Sequence 828, Application US/09664426A

Sequence 828, Application US/09664426A

Publication No. US20040018489A1

GENERAL INPORMATION:
APPLICANT: Third wave Technologies
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamichev, Victor
APPLICANT: Saiser, Michael
TITLE OF INVENTION: Engymes for the Detection of RNA Sequences
FILE REFREENCE: FORS.04946
CURRENT APPLICATION NUMBER: US/09/864,426A

CURRENT FILING DATE: 2001.05-24

NUMBER OF SEQ ID NOS: 2640

SOTUMBER OF SEQ ID NOS: 2640

SEQ ID NO 828

LENGTH: 19
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APPLICANT: Morrissey, David
APPLICANT: Morrissey, David
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) Us
TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
TITLE OF INVENTION NUMBER: US 60/359,80

PRIOR PRIOR PLING DATE: 2002-02-02
PRIOR PRIOR PLING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR PLING DATE: 2002-07-03
PRIOR PRIOR PLING DATE: 2002-07-03
PRIOR PRIOR PLING DATE: 2002-06-08
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SEQ ID NO 319
LENGTH: 19
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US-10-244-647-965/c
| Sequence 965, Application US/10244647
| Sequence 965, Application US/10244647
| Sequence 965, Application US/10244647
| Sequence 965, Application US/006887A1
| GRNERAL INFORMATION:
| APPLICANT: Ribozyme Pharmaceutical, Inc.
| APPLICANT: McSwiggen, James
| APPLICANT: McSwiggen, James
| APPLICANT: Beigelman, Leonid
| TITLE OF INVENTION: Short Interfering Nucleic Acid (sink)
| FILE REFERENCE: 400/060 (MEHBO2-1000)
| CURRENT APPLICATION NUMBER: US/10/244,647
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
* OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense re
US-10-244-647-319
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Pred. No. 92;
9; Mismatches 1; Indels
                                                                                                                                                                                                                                                     DB 1;
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17.0%; Score 12.4; D
Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 319, Application US/10244647
Publication No. US20330206887A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
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28.6%;
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 928
LENGTH: 19
                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                        OTHER INFORMATION: Synthetic US-10-084-839-828
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Best Local Similarity 28.65
Matches 4; Conservative
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US-10-244-647-319
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..., wuPo..., matalie E.
..., aPPLICANT: Neri, Bruce P.
.., APPLICANT: Olson, Sarah M.
.., APPLICANT: Schaefer, James J.
.., APPLICANT: Schaefer, James J.
.., APPLICANT: Takova, Tsetska Y.
.., APPLICANT: Thompson, Lisa C.
.., APPLICANT: Thompson, Lisa C.
.., APPLICANT: Thompson, Lisa C.
.., TITLE OF INVENTION: RNA betection Assays
..., FILE REFERENCE: FORS-0666
..., TITLE OF ILING DATE: 2002-02-26
..., NUMBER OF SEQ ID NOS: 4004
..., SOTWARE: Patentin version 3.1
..., SEQ ID NO 201
..., SEQ ID NO 201
..., TYPE: n...
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Best Local Similarity 92.9%; Pred. No. 92;
Matches 13; Conservative 0; Mismatches
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PAPLICANT: Ved'Yk, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
                                                                                                Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
Lyamichev, Victor
Lymaicheva, Natalie E.
Ma, WuPo
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Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
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APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chebak, LuAnne
APPLICANT: Curtis, Michelle L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Neri, Bruce P.
Olson, Sarah M.
Olson-Munoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
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Publication No. US20030186238A1
GENERAL INFORMATION:
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Lymaicheva, Natalie E.
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                                                                             Kaiser, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eis, Peggy S.
Hall, Jeff G.
Ip, Hon S.
Hall, Jeff G.
Ip, Hon S.
Ji, Lin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ma, WuPo
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APPLICANT:
APPLICANT:
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Sequence 2472, Application US/09817879

Sequence 2472, Application No. US20030171311A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
ATTILE OF INVENTION: Braymatic Nucleic Acid Treatment of Diseases or Conditions Relater ITILE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MHH800-801-F

CURRENT APPLICATION NUMBER: US/09/817,879

CURRENT APPLICATION NUMBER: US/09/817,879

CURRENT FILING DATE: 2001-03-26

NUMBER OF SEQ ID NOS: 9703

SOFTWARE: PatentIn version 3.0

LENGTH: 17

TYPE: RNA
     APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relaterities OF INVENTION: Enzymatic Solution of Diseases or Conditions Relaterities OF INVENTION: Hepatitis C Virus Infection
FILE REPERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SEQ FURNER: Patentin Version 3.0
SOFTWARE: Patentin Version 3.0
LENGTH: 17
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TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chlori
TITLE OF INVENTION: Channel-1
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Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
16.7%; Score 12.2; DB 1;
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: oligonucleotide substrate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: oligonucleotide substrate US-09-817-879-2472
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          900 CCTGGTCATTTTTTG 916
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Grupe, Andrew
                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
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                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-740-332-2472
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APPLICANT:
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Sequence 7250, Application US/10349143

Publication No. US20040005S84A1

GENERAL INPORMATOR:

APPLICANT: Cohen, Daniel

APPLICANT: Chankowi, Ilya

TILE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT APPLICATION NUMBER: US/09/422,978

PRIOR APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER: ESQ ID NOS: 11796

LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-244-647-965
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Pred. No. 92;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         17.0%; Score 12.4; 1
92.9%; Pred. No. 92;
tive 0; Mismatches
CURRENT FILING DATE: 2003-04-14
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR PILING DATE: 2002-02-02
PRIOR PILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-03-26
PRIOR FILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-26
PRIOR PILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 1524
SOCTHARRE: PATENTIN VERSION 3.0
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Artificial Sequence
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Best Local Similarity 92.9
Matches 13; Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo Sapiens
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US-10-349-143-7250/c
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US-09-740-332-2472/c
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Revoo, Pam
APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Sinchcomb, Dan
APPLICANT: Sinchcomb, Dan
APPLICANT: Scobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 5532
                                                                                                                                                                                                                                                                                                                                                    Sequence 1602, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
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29.4%; Pred. No. 91;
tive 9; Mismatches 3;
                                                                                              Ouery Match
16.7%; Score 12.2; D
Best Local Similarity 82.4%; Pred. No. 91;
Matches 14; Conservative 0; Mismatches
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CORGANISM: Homo sapiens
US-10-138-674-5632
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ORGANISM: Homo sapiens
; TYPE: DNA; CORGANISM: Homo sapiens
US-10-060-998-490
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Best Local Similarity
Matches 14; Conserv
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US-10-156-306-1602/c
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US-10-138-674-5632
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; Publication NO 1022030104530A1
; GENERAL INFORMATION
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN I
; FILE REFERENCE: PEO1108
; CURRENT APPLICATION NUMBER: US/10/066, 998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR APPLICATION NUMBER: US 09/664,761
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR PILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SEQ ID NO 487
: LENGTH: 17
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; Sequence 490, Application US/1060998
; Publication No. US20030104530A1
; GERREAL INFORMATION:
APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REPERENCE: PB0A108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT PILING DATE: 2002-01-30
; PRIOR PEPLICATION NUMBER: PCT/US01/00666
; PRIOR PAPLICATION NUMBER: US 09/864,761
; PRIOR APPLICATION NUMBER: US 60/343,331
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Pred. No. 91;
0; Mismatches
                                                                                                                                                                                                                                                                        16.7%; Score 12.2; D
ilarity 52.9%; Pred. No. 91;
Conservative 5; Mismatches
FILE REFERENCE: 249/021
CURRENT PEPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: Patentin version 3.0
SEQ ID NO 790
LENGTH: 17
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Best Local Similarity 82.4%;
Matches 14; Conservative (
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US-09-927-046-790
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US-10-060-998-487
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Best Local Similarity
.....hes 9; Conserve
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US-10-060-998-490
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APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb, Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF SELICANION NUMBER: US/10/287,949A

CURRENT APPLICANION NUMBER: US/10/287,949A

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: Patentin version 3.0

SEQ ID NO 5632
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APPLICANT: Pavco, Pam

APPLICANT: McSwiggen, Jim

APPLICANT: Stinchcomb. Dan

APPLICANT: Stinchcomb. Dan

APPLICANT: Stinchcomb. Dan

APPLICANT: Escobedo, Jaime

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEC ID NOS: 20822

SOFTWARE: Patentin version 3.0

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Pred. No. 91;
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Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
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Best Local Similarity 29.4%;
Matches 5; Conservative
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Best Local Similarity 41.2%;
Matches 7; Conservative
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David, Morrissey
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Kenneth, Draper
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US-10-287-949A-5632
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                                                                                                                                                                                                               Sequence 7227, Application US/10138674

Publication No. US20040077565A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pam
APPLICANT: Bavco, Dam
APPLICANT: Brobedo, Jaime
APPLICANT: Wethod and Reagent for the Treatment of Diseases or Conditions Re
FILE REPRENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
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; Sequence 260, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
    APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Methods and Products Related;
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSEQ for Windows Version 3.0
; ENGTH: 17
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Best Local Similarity 41.2%; Pred. No. 91;
Matches 7; Conservative 7; Mismatches
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82.4%; Pred. No. 91;
live 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               915 TGGTCTTTGCCTTTTAT 931
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin version 3.0
SEQ ID NO 7227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               17 ccrccrrarragarra
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Best Local Similarity 82.4
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-260
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US-10-676-154-260/c
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US-10-287-949A-5632
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Gaps

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Sequence 108, Application US/10241780

Sublication No. US20030165821A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Detection and identification of Human Papillomavirus by PCR and tyTILE OF INVENTION: Specific reverse hybridization.
TITLE OF INVENTION: Specific reverse hybridization.
TITLE OF INVENTION: Specific reverse hybridization.
CURRENT APPLICATION NUMBER: US/10/241,780
CURRENT FILING DATE: 2002-09-11
FRIOR PEDLICATION NUMBER: 09/527,030
FRIOR FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 497
SEQ ID NO 108
LENGTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2652, Application US/09969373

Sequence 2652, Application US/09969373

Patent No. US20020133852A1

GENERAL INCORMATION:
APPLICANT: Effertz. Roger J.
APPLICANT: Hauge, Brian M.
TITLE OF INVARION: SOPPEND SRS and Methods of Genotyping;
FILE REFERENCE: 38-10 (23679) A

CURRENT FILING DATE: 2001-10-02

PRIOR PILING DATE: 2001-01-05

PRIOR PLING DATE: 2001-01-13

PRIOR PULICATION NUMBER: US 09/760,427

PRIOR PLING DATE: 2001-01-13

PRIOR PULICATION NUMBER: US 09/665,768

PRIOR FILING DATE: 2001-01-13

PRIOR FILING DATE: 2001-01-13

SPRIOR FILING DATE: 2001-05-15

NUMBER OF SEQ ID NOS: 4593
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                    DB 1; Length 18;
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16.7%; Score 12.2; Di
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches
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                                                                                                   0; Mismatches
                Query Match
16.7%; Score 12.2; I
Best Local Similarity 82.4%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               938 TCTTCATTGGTTTAATG 954
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ORGANISM: Artificial Sequence
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Best Local Similarity 82.4
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2652
                                                                                                                                                                                                                                                                                                                                                                               RESULT 121
US-09-969-373-2652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 122
US-10-241-780-108
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TITLE OF INVENTION: OLIGONUCLECTIDE MEDIATED INHIBITION OF HERATITIS B VIRUS AND HERA
TITLE REFERENCE: 400/0420S (MEHBOD-249-E)
CURRENT APPLICATION WUMBER: US/10/669,841
CURRENT PELING DATE: 2003-03-26
FRICK APPLICATION NUMBER: PCT/US02/09187
FRICK APPLICATION NUMBER: DCT/US02/09187
FRICK APPLICATION NUMBER: DCT/US02/09187
FRICK APPLICATION NUMBER: US 60/296,876
FRICK APPLICATION NUMBER: US 60/335,059
FRICK PLING DATE: 2001-0-24
FRICK PLING DATE: 2001-0-24
FRICK PLING DATE: 2001-10-24
FRICK PLING DATE: 2002-03-11
FRICK PLING DATE: 2002-03-11
FRICK PLING DATE: 2001-10-36
FRICK PLING DATE: 2001-10-36
FRICK PLING DATE: 2001-2-16
FRICK APPLICATION NUMBER: US 60/363,124
FRICK PLING DATE: 2001-2-16
FRICK APPLICATION NUMBER: US 60/40,332
FRICK APPLICATION NUMBER: US 69/41,931
FRICK APPLICATION NUMBER: US 09/611,931
FRICK APPLICATION NUMBER: US 09/611,931
FRICK APPLICATION NUMBER: US 09/611,931
FRICK FILING DATE: 2000-0-2-15
FRICK FILING DATE: 2000-0-0-15
FRICK FILING DATE: 2000-0-0-0-15
FRICK FILING DATE: 2000-0-0-15
FRICK FILING DATE: 2000-0-0-
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REPERBNCE: 38-10(52679) A.
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR PILING DATE: 2001-01-05
PRIOR PILING DATE: 2001-01-13
PRIOR FILING DATE: 2001-01-13
PRIOR FILING DATE: 2001-01-05
PRIOR FILING DATE: 2001-01-05
PRIOR FILING DATE: 2001-01-05
PRIOR FILING DATE: 2001-05-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5065
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: misc feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , ORGANISM: Glycine max US-09-969-373-2651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
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3; Indels

DB 1; Length 18;

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Gaps .

3; Indels

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Sequence 4106, Application US/10138674

i Sequence 4106, Application US/10138674

j Sequence 4106, Application US/10138674

j CENERAL INFORMATION:
    APPLICAMY: Ribozyme Pharmaceuticals, Inc.
    APPLICAMY: Pavco, Pam
    APPLICAMY: Pavco, Pam
    APPLICAMY: Bacobedo, Jim
    APPLICAMY: Stinchcomb, Dan
    APPLICAMY: Stinchcomb, Dan
    APPLICAMY: Bacobedo, Jaime
    APPLICAMY: McSacobedo, Ja
                                            Gaps
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16.7%; Score 12.2; DB 1; Length 18;

Best Local Similarity 82.4%; Pred. No. 95;

Matches 14; Conservative 0; Mismatches 3. 7-3-3.
                                                                                                                                                                                                                                                                                                                                Sequence 24, Application US/10456422;
Publication No. US20040019918A1
GENERAL INFORMATION:
APPLICANT: Whalen, Anne M.;
APPLICANT: Cook, Christopher K.;
APPLICANT: Sikorski, James A.;
TILLE OF INVENTION: HUMAN MEKK2 PROTEIN AND NUCLEIC ACID;
TILLE OF INVENTION: MOLECULES AND USES THEREFOR;
FILE REFERENCE: AGY-002B
GURRENT APPLICATION NUMBER: US/10/456,422
GURRENT FILING DATE: 2003-06-05
NUMBER OF SEQ ID NOS: 32
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 24
LENGTH: 18
                                            Indels
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Local Similarity 82.4%; Pred. No. 95; nes 14; Conservative 0; Mismatches
                                                                                                        929 TATCCTCCTCTTCATT 945
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Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ) OTHER INFORMATION: Primer US-10-456-422-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 uggucuuugccu 13
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                     JS-10-456-422-24/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-138-674-4106
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   Best Loca
Matches
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                                                                   Sequence 5922, Application US/10349143

Sequence 5922, Application US/10349143

Publication No. US20040005584A1

GENERAL INPORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chen, Daniel

APPLICANT: Chunakov, Ilya

FILE REFERRNCE: GENSET. 0200CH

CURRENT APPLICATION WHERE: US/10/349,143

CURRENT APPLICATION NUMBER: US/10/349,143

CURRENT APPLICATION NUMBER: US/09/422,978

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

NUMBER OF SEQ ID NOS: 11796

LEMORTH: 18

LEMORTH: 18
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Sequence 7176, Application US/10349143

Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Chem., Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION WINDER: US/10/349,143

FRIOR RILING DATE: 2003-01-21

PRIOR PLING DATE: 1999-10-20

PRIOR PILING DATE: EARLIER PRILICATION NUMBER: US 09/298,850

PRIOR PLING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR PILING DATE: EARLIER PILING DATE: 1999-11-23

PRIOR PILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR PILING DATE: EARLIER PILING DATE: 1998-11-23

PRIOR PILING DATE: EARLIER PRING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796

LENGTH: 18
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; OTHER INFORMATION: upstream amplification primer 99-7792 for SEQ 1988,
US-10-349-143-5922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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ORGANISM: Homo Sapiens
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ORGANISM: Homo Sapiens
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Best Local Similarity
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LOCATION: 1.18
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DB 1; Length 18;

Score 12.2;

16.7%;

Query Match

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RESULT 127

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APPLICANT: StinchComb, Jam
APPLICANT: StinchComb, Jam
APPLICANT: StinchComb, Dan
APPLICANT: StinchComb, Dan
APPLICANT: StinchComb, Jaime
APPLICANT: Broched, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERENCE: MBHB00-876-N (400/049)
FILE REPERENCE: MBHB00-876-N (400/049)
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 45
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jam
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jame
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERSINGS: MHHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT PILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor FILE REFERENCE: MBH800-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5670
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6; Mismatches
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Best Local Similarity 50.v-
Best Local 6; Conservative
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5 UGGUCUUUGCCU 16
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CORGANISM: Homo sapiens
US-10-138-674-44
                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
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US-10-138-674-45
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                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavoo, Pan
APPLICANT: Pavoo, Pan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE PALENTING DATE: 2003-04-11
SEQ ID NO 4106
LENGTH: 15
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Brinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Scobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT PILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 5570
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Pred. No. 89;
6; Mismatches 0; Indels
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Pred. No. 93;
6; Mismatches
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; Sequence 5670, Application US/10287949A
; Publication No. US/20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc:
; APPLICANT: Pavco, Pam
; APPLICANT: StinchComb, Jan
; APPLICANT: StinchComb, Dan
; APPLICANT: StinchComb, Dan
                                       Sequence 4106, Application US/10287949A Publication No. US20040102389A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5670, Application US/10138674; Publication No. US20040077565A1; GENERAL INFORMATION:
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Best Local Similarity 50.0%;
Matches 6; Conservative
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Best Local Similarity 50.0
Matches 6; Conservative
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US-10-138-674-5670
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US-10-287-949A-4106
                             US-10-287-949A-4106
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US-10-287-949A-44

i Sequence 44, Application US/10287949A

i Sequence 44, Application No. US20040102389A1

i Publication No. US20040102389A1

i GENERAL INPORMATION:

APPLICANT: Ravoo, Pam

APPLICANT: Rescobed, Jam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stocobed, Jaim

ITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITLE OF INVENTION: US/10/287, 949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20022

SOFTWARE: Patentin version 3.0

SEQ ID NO 44

LENGTH: 17
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16.4%; Score 12; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 98;

Matches 6; Conservative 6; Mismatches 0; Indels
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. Sequence 46, Application US/10287949A
. Publication No. US20040102389A1
. GENERAL INFORMATION:
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Best Local Similarity 50.0
Matches 6; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Parvo, Pan
APPLICANT: Bravo, Pan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions RefTILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT APPLICATION UNMER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin Version 3.0
SEQ ID NO 4244
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US-10-138-674-46
Publication No US20040077565A1
Publication No US20040077565A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pavco, Pam
APPLICANT: Bacobedo, Jam
APPLICANT: 
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                                                                                                                           Score 12; DB 1; Length 17;
Pred. No. 98;
6; Mismatches 0; Indels
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16.4%; Score 12; DB 1; Length 17;

Best Local Similarity 50.0%; Pred. No. 98;

Matches 6; Conservative 6; Mismatches 0; Indels
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US-10-138-674-4244
Sequence 4244, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
                                                                                                                        Query Match
Best Local Similarity 50.0%;
Matches 6; Conservative 6
                                                                                                                                                                                                                                                       915 TGGTCTTTGCCT 926
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Best Local Similarity 50.0
Matches 6; Conservative
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2 UGGUCUUUGCCU 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-45
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CRGANISM: Homo sapiens
US-10-138-674-46
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US-10-138-674-4244
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US-LOUSD-1/24-1/24-10

Sequence 10, Application US/10055732

Publication No. US20030135040A1

GENERAL INFORMATION:

APPLICANT Exit; Ramon

APPLICANT: Garcia, Ramon Guimil

APPLICANT: Garcia, Ramon Guimil

APPLICANT: Garcia, Ramon Guimil

TITLE OF INVENTION: Structures

TITLE OF INVENTION NUMBER: US 60/162,627

PRIOR FILING DATE: 1999-10-29

PRIOR FILING DATE: 2000-04-17

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patentin Version 3.1

FEASO ID NO: 16
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APPLICANT: Garcia, Ramon G.
TITLE OF INVENTION: Parallel Stranded Duplexes of Deoxyribonucleic Acid and Methods
FILE OF INVENTION: Of Use
FILE REFERENCE: 020415
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                                                                                                                                                                         FEATURE: OTHER INFORMATION: Synthetic Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc_feature
OTHER INFORMATION: Synthetic oligonucleotide
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86.7%; Pred. No. 95;
tive 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-446-201-26

'Sequence 26, Application US/10446201
'Publication No. US20040029160A1
'GENERAL INFORMATION:
                                                                                                                                                                                                                                             NAME/KEY: misc_feature; CCCATION: (1)...(18); OTHER INFORMATION: PNA backbone US-10-261-382-13
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                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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Matches 13; Conserv
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US-10-055-732-10
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                                                                                                       LENGTH: 18
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APPLICANT: McSwiggen, Jam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re

TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 2003-04-11

NUMBER OF SEQ ID NOS: 2003-04-11

SEQ ID NO 46

LENGTH: 17

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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pam
APPLICANT: Bavco, Pam
APPLICANT: Strinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Strinchcomb, Dan
APPLICANT: Bacobedo, Jaime
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: Manbago -876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
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Publication No. US20040063618A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Peptide Nucleic Acids Having Improved Uptake And Tissue
TITLE OF INVENTION: Distribution
FILER REPRENCE: ISIS-5079
CURRENT APPLICATION NUMBER: US/10/261,382
CURRENT FILING DATE: 2002-12-20
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 12; DB 1; Length 17;
Pred. No. 98;
6; Mismatches 0; Indels
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Best Local Similarity 50.0%;
Matches 6; Conservative 6
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Best Local Similarity 50.v
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2 UGGUCUUUGCCU 13
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CORGANISM: Homo sapiens
US-10-287-949A-4244
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 137
US-10-287-949A-4244
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US-09-780-164-136

Sequence 136, Application US/09780164

Publication No. US20030092646A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REPERENCE: 400/010

CURRENT APPLICATION NUMBER: US/09/780,164

CURRENT FILING DATE: 2001-02-09

PRIOR PILING DATE: 2000-02-28

NUMBER OF SEQ ID NOS: 2603

SOFTWARE: PatentIn Version 3.0

SEQ ID NOS: 2603

SEQ ID NOS: 2603

SEQ ID NOS: 2603
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Sequence 135, Application US/09780164
Fublication No. US20030092646A1
Fublication No. US20030092646A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: US/09/780,164
CURRENT PILING DATE: 2001-02-09
FRIOR PRIOR APPLICATION NUMBER: 60/185,516
FRIOR APPLICATION DATE: 2000-02-28
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Pred. No. 1e+02;
8; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                           Score 11.8; DB 1; Length 16;
Pred. No. 1e+02;
0; Mismatches 2; Indels
         CURRENT APPLICATION NUMBER: US/10/101,433A
                           CURRENT FILING DATE: 2002-03-19
FRIOR PERLANG DATE: 2001-03-19
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 38
SETTARRE: Patentin version 3.0
SEQ ID NO 38
LENGTH: 16
                                                                                                                                                                                                                                                                                           16.2%;
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SOFTWARE: Patentin version 3.0
SEQ ID NO 135
LENGTH: 17
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Best Local Similarity 33.3%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 86.73
Matches 13; Conservative
                                                                                                                                                                                             TYPE: DNA ORGANISM: Macaca mulatta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-164-135
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ORGANISM: Homo sapiens
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APPLICANT: Berger, Shelley L.
APPLICANT: Berger, Shelley L.
APPLICANT: Tal-Singer, Nigel W.
APPLICANT: Tal-Singer, Ruth
APPLICANT: Tal-Singer, Ruth
APPLICANT: Tal-Singer, Ruth
TITLE OF INVENTION: Compounds And Methods For Treating And
TITLE OF INVENTION: Screening Viral Reactivation
TITLE OF INVENTION: Screening Viral Reactivation
FILE REPERENCE: P50682C1
CURRENT APPLICATION NUMBER: US/10/108,164
FRIOR APPLICATION NUMBER: 09/424,348
PRIOR FILING DATE: 1999-0701
PRIOR FILING DATE: 1999-0701
PRIOR FILING DATE: 1999-0703
PRIOR FILING DATE: 1997-0801
PRIOR APPLICATION NUMBER: 60/054,515
PRIOR FILING DATE: 1997-0801
PRIOR FILING DATE: 1997-0801
PRIOR FILING DATE: 1999-04-01
NUMBER OF SEQ ID NOS: 145
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-101-433A-38
Sequence 38, Application US/10101433A
Publication No. US2030119726A1
GENERAL INFORMATION:
APPLICANT: Hanscom, Sara
APPLICANT: Creepi, Charles
TITLE OF INVENTION: PGIYCOPROTEINS AND USES THEREOF
FILE REFERENCE: G00307/70019
                                                                                                                                                                                                                                                                                                                                   Query Match
16.2%; Score 11.8; D3 1
Best Local Similarity 86.7%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 66, Application US/10108164
Publication No. US20030104356A1
GENERAL INFORMATION:
                                                                                                                                                                                                              NAME/KEY: misc_feature
   LOCATION: (1)...(4)
   OTHER INFORMATION: hairpin linker
   US-10-446-201-26
                                                                                                                                                                 OTHER INFORMATION: test sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ORGANISM: Herpes simplex virus US-10-108-164-66
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.2
                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                               926 TITIAICCTCCTCT 940
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US-10-108-164-66
                                               SEQ ID NO 26
LENGTH: 16
                                                                                                                                             FEATURE:
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RESULT 149
US-10-238-700-801
Sequence 801, Application US/10238700
Publication No. US20030153521A1
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                                                        Query Match
Best Local Similarity 86.73
Matches 13; Conservative
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Best Local Similarity 86.7
Matches 13; Conservative
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ORGANISM: Homo sapiens
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US-10-156-306-1603
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US-10-156-306-1603/c
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US-10-156-306-3759/c
US-10-060-756A-4340
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LENGTH: 17
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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: P8017. Jian
FILE REFERENCE: P8017. Jian
CURRENT APPLICATION NUMBER: US/10/0667
FRICH APPLICATION NUMBER: PCT/US01/0667
PRICH APPLICATION NUMBER: PCT/US01/0669
PRICH APPLICATION NUMBER: PCT/US01/0669
PRICH PILLING DATE: 2001-01-30
PRICH APPLICATION NUMBER: PCT/US01/06665
PRICH APPLICATION NUMBER: PCT/US01/06663
PRICH PILLING DATE: 2001-01-30
PRICH PRICH PILLING DATE: 2001-01-30
PRICH PILLING DATE: 2001-01-30
PRICH PILLING DATE: 2001-01-30
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PRICH PILLING DATE: 2001-01-30
PRICH PILLING DATE: 2001-01-30
PRICH PILLING DATE: 2001-01-30
PRICH PILLING DATE: 2001-01-30
PRICH REPLICATION NUMBER: US 60/327,898
PRICH PILLING DATE: 2001-01-00
PRICH PILLING DATE: 2001-01-0
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                               Query Match 16.2%; Score 11.8; DB 1; Length 17; Best Local Similarity 33.3%; Pred. No. 1e+02; Matches 5; Conservative 8; Mismatches 2; Indels
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                                                                                                                                                             915 TGGTCTTTGCCTTTT 929
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; ORGANISM: Homo sapiens
US-09-780-164-715
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US-10-060-756A-4340/c
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Sequence 1603, Application US/10156306
Publication No. US20030119017A1
GRNERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: NGSWiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERBNCE: MAHBOL-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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Factorian No. US20030119017A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Expension of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 3759
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16.2%; Score 11.8; DB 1; Length 17; 86.7%; Pred. No. 1e+02; tive 0; Mismatches 2; Indels
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1e+02;
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16.2%; Score 11.8; Dl
Best Local Similarity 86.7%; Pred. No. 1e+0;
Matches 13; Conservative 0; Mismatches
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VENULT 153
US-10-287-949A-7574

i Sequence 7574, Application US/10287949A

i Deblication No. US20040102389A1

i GENERAL INFORMATION:

i APPLICANT: Rabozyme Pharmaceuticals, Inc.

i APPLICANT: Rescobed, Jame

i APPLICANT: Rescobed, Jame

i APPLICANT: Stinchcomb, Dan

i TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re:

IIILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITLE OF INVENTION: UNDER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

i SOFTWARE: PatentIn version 3.0

i ENTH: 17
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APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Jam
APPLICANT: Stinchcomb, Jam
APPLICANT: Stinchcomb, Dam
APPLICANT: Stinchcomb, Jam
APPLICANT: Stinchcomb, Jam
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re-
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re-
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 419
LENGTH: 17
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CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SEGTWARE: Patentin version 3.0
SEQ ID NO 7574
LENGTH: 17
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Publication No. US20040102389A1
GENERAL INFORMATION:
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Best Local Similarity 53.33
Matches 8; Conservative
                                                                                                                                                       TYPE: RNA
CONGANISM: Homo sapiens
US-10-138-674-7574
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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US-10-287-949A-419
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSaiggen, James
APPLICANT: McSaiggen, James
FILE ROBERNATION: Nucleic Treatment of Diseases or Conditions Related to Level
FILE REPERRACE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: Patentin version 3.0
SOCTUMENT: 17
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Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Scobedo, Jaime
APPLICANT: Bscobedo, Jaime
APPLICANT: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBHB00-876-N (400/049)
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CORGANISM: Homo sapiens
US-10-238-700-801
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ORGANISM: Homo sapiens
  GENERAL INFORMATION:
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US-10-138-674-7574
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US-10-138-674-419
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Sequence 6620, Application US/10349143

publication No. US20040005584A1

general Independence 6620, Application US/10349143

publication No. US20040005584A1

general Independence Independ
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APPLICANT: Duda, Amy
APPLICANT: Nandabalan, Krishnan
APPLICANT: Stephens, J. Claiborne
APPLICANT: Stephens, J. Claiborne
APPLICANT: Windemuth, Andreas
TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: A Receptor Alpha Gene
FILE REPERENCE: MMH-0002USZ ILAR alpha
CURRENT APPLICATION NUMBER: US/10/010,802
CURRENT FILING DATE: 2001-11-09
PRIOR PPLICATION NUMBER: PCT/US00/19094
PRIOR FILING DATE: 2000-07-13
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: DOCATION: 1.18

: OTHER INDEMATION: Upstream amplification primer 99-14093 for SEQ 2686,

US-10-349-143-6620
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Pred. No. 1.1e+02;
0; Mismatches 1; Indels
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Publication No. US20030078220A1
GENERAL INFORMATION:
APPLICANT: Genaissance Pharmaceuticals
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Best Local Similarity 92.3%;
Matches 12; Conservative (
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Best Local Similarity 86.74
Matches 13; Conservative
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SOFTWARE: Patentin Ver. 2.1
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Denton, R. Rex
16 TTTCCTTGGACTTTG
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CRCANISM: Homo sapiens
US-10-010-802-27
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US-10-010-802-27/c
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LENGTH: 15
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; Bedication No. US20030055015A1
; CENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Wonia, Brett P.
; APPLICANT: Monia, SAOXING S.
; TITLE OF INVENTION: ANTIENSE MODULATION OF TRAF EXPRESSION FILE REFERENCE: ISPH-0321
; CURRENT FILING DATE: 1998-10-06
; PRIOR FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 154
; LENGTH: 18
                                                                                                                                                                                                                                                                                                                                                                 Query Match
16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                              Query Match 16.2%; Score 11.8; DB 1; Length 17; Best Local Similarity 53.3%; Pred. No. 1e+02; Matches 8; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         16.2%; Score 11.8; DB 1; Length 18; 86.7%; Pred. No. 1.1e+02; tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            935 TCCTCTTCATTGGTT 949
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Best Local Similarity 86.7°
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                       US-09-969-373-3188/c
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US-10-067-125-154/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 134, Application US/09780164
; Sequence 134, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Wethod and Reagent for the Inhibition of CD20
; FILE REFERRNCE: 400/010
; CURRENT FILING DATE: 2001-02-09
; RIOR APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTHARE: PatentIn version 3.0
; SEQ ID NO 134
; LENGTHER: PatentIn version 3.0
; SEQ ID NO 134
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; Sequence 501, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
    APPLICANT: Blatt, Larry
; APPLICANT: Blatt, Larry
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INFORTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR APPLICATION NUMBER: 60/185,516
; RICH RELING DATE: 2000-228
; NUMBER OF SEQ ID NOS: 2603
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 17;
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Pred. No. 1.2e+02;
8; Mismatches 1; Indels
                       PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR PILING DATE: 1994-02-07
PRIOR PILING DATE: 1994-02-07
PRIOR PILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOCTHARRE: PATENTIN VERSION 3.0
LENGTH: 17
APPLICATION NUMBER: US 09/696,347
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Best Local Similarity 30.8%;
Matches 4; Conservative
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US-09-780-164-134
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US-09-780-164-134
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
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                                                                                                                                                                                                      Sequence 210, Application US/09877478

Fublication No. US20030063301A1

GENERAL INFORMATION:

APPLICANT Ribozyme Pharmaccuticals, Inc.

APPLICANT: Daper, Kenneth

APPLICANT: Blager, Larry

APPLICANT: Blager, Jarry

APPLICANT: McSwiggen, Jim

FRIOR APPLICANT: NUMBER: US 09/536, 385

FRIOR APPLICANT: NUMBER: US 09/696, 347

FRIOR APPLICANT: MWERE: US 08/434, 504

FRIOR APPLICANT: MWERE: US 08/434, 504

FRIOR FILING DATE: 1994-02-07

FRIOR PLING DATE: 1995-05-04

FRIOR FILING DATE: 1990-05-04

FRIOR FILI
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Publication No. US20030068301A1
GENERAL INFORMATION
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Morissey, Dave
ITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: MBHB00-845-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR FILING DATE: 1992-05-14
PRIOR PLILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR PLING DATE: 2000-03-20
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-08-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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Best Local Similarity 30.8%;
Matches 4; Conservative
                              900 CCTGGTCATTTC 912
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   907 ATTITCTTTGGTC 919
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                                                                           15 CCGGGTCATTTC 3
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US-09-877-478-215
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Sequence 4345, Application US/10060756A

Publication No. US20030046717A1

GENERAL INFORMATION:

APPLICANT: Zhang, Jian

TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REPREMENCE: PB0177

CURRENT APPLICATION NUMBER: US/10/0667

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR PLILOM DATE: 2001-01-30

PRIOR PLILOM DATE: 2001-01-30

PRIOR PLILOM DATE: 2001-01-30

PRIOR PPLICATION NUMBER: PCT/US01/00668

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR APPLICATION NUMBER: US 00/327,898

PRIOR PLILNG DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 00/327,898

PRIOR PLING DATE: 2001-01-30

PRIOR PLILNG DATE: 2001-01-30

PRIOR PRICATION NUMBER: US 00/327,898

PRIOR PLING DATE: 2001-01-30

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8; Mismatches
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR PLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR PLILATION NUMBER: US 09/531,025
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR PILING DATE: 2000-08-09
PRIOR PILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/636,347
PRIOR PILING DATE: 1990-01-0-24
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-10-08
PRIOR PILING DATE: 1999-11-08
PRIOR PILING DATE: 1999-10-03
PRIOR PILING DATE: 1999-10-03
PRIOR PELING DATE: 1999-11-08
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1 ucununducunud 13
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Best Local Similarity 92.3
Matches 12; Conservative
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US-10-060-756A-4345
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US-10-342-902-210

Sequence 210, Application US/10342902

Publication No. US20040054156A1

GENERAL INFORMATION:

APPLICANT: Braper, Kenneth

APPLICANT: Braper, Kenneth

APPLICANT: Braser, Kenneth

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: McSwiggen, Jim

APPLICANT: Morrissey, Dave

ITLE OF INVENTION: McHood and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REFERENCE: 400/075 (MBHB00-845-1)

CURRENT APPLICATION NUMBER: US/10/342,902

CURRENT APPLICATION NUMBER: US 09/877,478

PRIOR PILING DATE: 2000-06-08

PRIOR PLING DATE: 2000-03-20

PRIOR PLING DATE: 2000-03-20

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 1994-02-07

PRIOR APPLICATION NUMBER: US 09/436,430

PRIOR PLING DATE: 1999-11-08

PRIOR PLING DATE: 1999-11-08
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APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
APPLICANT: Morrissey, Dave
APPLICANT: Morrissey, Dave
RITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBHB00-845-I)
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Pred. No. 1.2e+02;
8; Mismatches 1; Indels
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Publication No. US20040054156A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8
       SOFTWARE: PatentIn version 3.0
SEQ ID NO 501
LENGTH: 17
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SEQ ID NO 210
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                907 ATTTTCTTTGGTC 919
                                                                                                                                                                                                                                                                                                                                                                                                  915 TGGTCTTTGCCTT 927
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4 UGAUCUUUGCCUU 16
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S AUUTUCUTUUGUC 17
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                                                                                                                                               CRGANISM: Homo sapiens
US-09-780-164-501
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Best Local Similarity
Matches 4; Conserv
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US-10-342-902-215
                                                                                                                     TYPE: RNA
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APPLICANT: James Heageburles, Inc.
APPLICANT: Jennis, Macejak
APPLICANT: Jennis, Macejak
APPLICANT: Jennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Panela, Pavco
APPLICANT: Panela, Pavco
APPLICANT: Panela, Pavco
APPLICANT: Remeth, Roberte
APPLICANT: Remeth, Roberte
APPLICANT: Remeth, Roberte
APPLICANT: Panela, Macejak
APPLICANT: Remeth, Roberte
APPLICANT: Remeth, Roberte
APPLICANT: Panela, Macejak
APPLICANT: Panela, Macejak
APPLICANT: Remeth, Roberte
APPLICANT: Panela, Macejak
APPLICANT: Panela, Macejak
APPLICANT: Panela, Macejak
APPLICANTON NUMBER: US/10/669, 841
CURRENT FILING DATE: 2001-06.08
PRIOR FILING DATE: 2001-06.08
PRIOR FILING DATE: 2001-024
PRIOR FILING DATE: 2001-024
PRIOR FILING DATE: 2002-03-26
PRIOR PAPLICATION NUMBER: US 60/35, 580
PRIOR PAPLICATION NUMBER: US 60/35, 580
PRIOR PAPLICATION NUMBER: US 60/35, 580
PRIOR APPLICATION NUMBER: US 60/363, 124
PRIOR PAPLICATION NUMBER: US 60/363, 124
PRIOR PAPLICATION NUMBER: US 09/611, 931
PRIOR PAPLICATION NUMBER: 
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                                    Query Match 15.6%; Score 11.4; DB 1; Length 17; Best Local Similarity 92.3%; Pred. No. 1.2e+02; Matches 12; Conservative 0; Mismatches 1; Indels
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Pred. No. 1.2e+02;
8; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 210, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 30.8%;
Matches 4; Conservative
                                                                                                                                                                                            939 CTTCATTGGTTTA 951
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s Auturcutuuguc 17
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                                            RESULT 165
US-10-307-005-583
15 Squence 583, Application US/10307005
1 Squence 583, Application US/10307005
1 GENERAL INPORMATION:
1 APPLICANT: University of Delaware
2 APPLICANT: Howard B. Gamper
3 APPLICANT: Howard B. Gamper
3 APPLICANT: Howard B. Gamper
4 APPLICANT: Michael C. Rice
5 APPLICANT: Michael C. Rice
6 APPLICANT: Jungsup Kim
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
7 TITLE OF INVENTION: Univentification Widners: Use 60/204, 989
7 PRIOR PLING DATE: 2000-06-01
7 PRIOR APPLICATION WUMBER: US 60/244, 989
7 PRIOR PLING DATE: 2000-06-01
7 PRIOR PLING DATE: 2000-03-07
7 PRIOR APPLICATION WUMBER: US 60/244, 989
7 PRIOR PLING DATE: 2000-03-07
7 PRIOR DATE: 2000-03-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Lycopersicon esculentum
US-10-307-005-583
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; ORGANISM: Lycopersicon esculentum
US-10-307-005-584
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13 TIGGICITIGACT 1
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APPLICANT: JI, YONGGANG
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: SHANNON, MArk
ITILE OF INVENTION: WOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE. ACOMICA-7
CURRENT PILING DATE: 2001-05-25
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PLING DATE: 2001-01-30
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81.2%; Pred. No. 1.3e+02;
ative 0; Mismatches 3;
PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PRIOR APPLICATION NUMBER: PCT/USO1/00669
PRIOR PRILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
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Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     934 CTCCTCTTCATTGGTT 949
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Best Local Similarity 81.2<sup>3</sup>
Matches 13; Conservative
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US-09-866-108-7084/c
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                                                                                                                                                                                                                                           APPLICANT: Refrict, Draper
APPLICANT: Relisabeth, Draper
APPLICANT: Blisabeth, Roberts
ITILE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
ITILE OF INVENTION: VIRUS REPLICATION
TILLS OF INVENTION: OLIGONUCLEOTIDE
CURRENT APPLICATION NUMBER: US 60/296,876
PRIOR PLING DATE: 2002-03-26
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-06-08
PRIOR PLING DATE: 2001-02-26
PRIOR PLING DATE: 2001-10-24
PRIOR PLING DATE: 2001-12-26
PRIOR PLING DATE: 2001-12-31
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2000-02-26
PRIOR PLING DATE: 2000-02-15
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Fatent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GI, Yizhong
APPLICANT: GI, Yizhong
APPLICANT: BENN, Barron G.
APPLICANT: PENN, Barron G.
APPLICANT: BENN, David R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
TITLE OF INVENTION: MASK.
TITLE OF INVENTION: MASK.
TITLE OF INVENTION: WOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: ACOUNCA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
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                                                                                                                                                                                  Pamela, Pavco
Patrice, Lee
Kenneth, Draper
                                                                                               James, McSwiggen
David, Morrissey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Hepatitis B Virus US-10-669-841-215
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Sequence 621, Application US/09827998
Patent No. US200201022521
GENERAL INFORMATION:
TELLANT: GLAY YIZHONG
APPLICANT: Shannon, Mark
TITLE OF INVANION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: MDMORF-8
CURRENT APPLICATION NUMBER: US/09/827,998
CURRENT FILING DATE: 2001-04-06
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 621
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 622, Application US/09827998
| Patent No. US2002010252A1
| GENERAL INFORMATION:
| APPLICANT: Gu, Yizhong APPLICANT: Ghamon, Mark |
| TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E FILE REFERENCE: MDHMORR-8
| CURRENT PAPLICATION NUMBER: US/09/827,998 |
| CURRENT PAPLICATION NUMBER: US 60/207,456 |
| PRIOR APPLICATION NUMBER: US 60/207,456 |
| PRIOR APPLICATION NUMBER: US 60/207,456 |
| PRIOR PILING DATE: 2000-05-26 |
| PRIOR PILING DATE: 2000-09-27 |
| NUMBER OF SEQ ID NOS: 1881 |
| SOFTWARE: Acomica Sequence Listing Engine |
| SEQ ID NO 622 |
| LENGTH: 17
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Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                                                                                                       Score 11.2; DB 1;
Pred. No. 1.3e+02;
0; Mismatches 4;
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          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: Synthetic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 47
                                                                                                                                                                                                                                                                                                         900 CCTGGTCATTTTTTG 916
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Best Local Similarity 76.5%;
Matches 13; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
CAGANISM: Homo sapiens
US-09-827-998-622
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                                                                                                                                                           US-09-814-786-47
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STATE: New York
COUNTRY: U.S.A.
ZIP: 10112-304
ZIP: 10112-304
COMDUTER: READABLE FORM:
MEDIUM TYPE: Diskette - 3.50 inch, 720 Kb storage.
COMPUTER: IBM PS/V berlo.
COMPUTER: PATENT ALD Verl.0
CURRIT APPLICATION DATA:
RILING DATE: 23-Mar-2001
PRIOR APPLICATION DATA:
RAPLICATION NUMBER: US/09/616,990
FILING DATE: 14-Jul-2000
APPLICATION NUMBER: J844963/92
FILING DATE: 02-MAR-1992
ATTORNEY AGENT INFORMATION:
NAMM: DATE: 12-AMR-1992
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 1.3e+02; Matches 13; Conservative 0; Mismatches 3; Indel8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 47, Application US/09814786
Patent No. US20020100072A1
GENERAL INFORMATION:
APPLICANT: KIVUCHI, Yasuhiro
KIYOKAWA, Shigeto
SHIMADA, Yukihisa
OHBAYASHI, Masaya
SHIMADA, Ritsuko
CKINAKA, Yasushi
TITLE OF INVENTION: NOVEL PLANT GENES
NUMBER OF SEQUENCES:
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00661
PRIOR APPLICATION NUMBER: PCT/USO1/00670
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2000-09-21
PRIOR PILING DATE: 2001-05-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SCOFTWARE: Aeomica Sequence Listing Engine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Perry, Lawrence S. REGISTRATION NUMBER: 31865 TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108-7084
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US-09-814-786-47
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PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-06-04
PRIOR PILING DATE: 1995-06-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR PILING DATE: 1995-06-04
PRIOR PILING DATE: 1995-06-04
PRIOR PILING DATE: 1995-06-04
PRIOR PILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 6586
SEQ ID NO 814
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
ORGANISM: Hepatitis B virus
US-09-877-478-814
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Best Local Similarity
Matches 6; Conserv
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US-09-877-478-1871
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APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: McFasey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REPERENCE: MBHB00-845-H (400/029)

CURRENT APPLICATION NUMBER: US 09/687,712

PRIOR FILING DATE: 2000-12-31

PRIOR FILING DATE: 2000-03-20

PRIOR FILING DATE: 2000-03-20

PRIOR FILING DATE: 2000-10-24

PRIOR FILING DATE: 1995-05-04

PRIOR FILING DATE: 1995-05-07

PRIOR PLICATION NUMBER: US 08/433,993

PRIOR PLILING DATE: 1995-05-04

PRIOR PRILING DATE: 1995-05-04
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Sequence 814, Application US/09877478
Publication No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANTON NUMBER: US 07/882,712
PRIOR PILING DATE: 2000-13-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
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                                        Gaps
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Pred. No. 1.38+02;
7; Mismatches 3; Indels
                Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                              Sequence 120, Application US/09877478 Publication No. US20030068301A1 GENERAL INFORMATION:
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Best Local Similarity 37.5%;
Matches 6; Conservative 7
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 120
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                                                                                                                                        16 résérrerarsécree 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 175
US-09-877-478-814
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Publication No. US2003002646A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
FILE REFERENCE: 400/010
CURRENT APPLICATION NUMBER: 05/09/780,164
CURRENT FILING DATE: 2010-02-09
PRIOR APPLICATION NUMBER: 60/185,516
PRIOR PILING DATE: 2000-03-03
NUMBER OF SEQ ID NOS: 2603
SOFTWARE: Patentin version 3.0
                         APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION Method and Reagent for the Inhibition of CD20
TITLE OF INVENTION WEAPON METHOD OF TOOL OF
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Ribozyme Pharmaceuticals, Inc.
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                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: RNA
CORGANISM: Homo sapiens
US-09-780-164-273
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CONGANISM: Homo sapiens
US-09-780-164-274
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Sequence 562, Application US/09776474

Publication No. US2030087847A1

GENERAL INPORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Boober: Robert

APPLICANT: Patraey, Ali

APPLICANT: Fatraey, Ali

APPLICANT: Patraey, Ali

APPLICANT: Patraey, Ali

TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK

TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK

TITLE OF INVENTION: WHORER: US/09/776,474

CURRENT FILING DATE: 2000-03-02

PRIOR APPLICATION NUMBER: US 60/179,983

PRIOR PLING DATE: 2000-03-02

NUMBER OF SEQ ID NOS: 2992

SOFTMARE: PatentIn version 3.0

SEQ ID NO 562

LENTH: 17
                                                                                                                 US-09-848-754A-2568/c

Sequence 2568, Application US/09848754A

Sequence 2568, Application US/09848754A

Publication No. US20030073207A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANTON Inc.
APPLICANTON UNDERTION: Levels of Epidermal Growth Factor Receptors
FILE REFERENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION UNDER: US/09/848,754A

CURRENT FILING DATE: 2001-05-03

NUMBER OF SEQ ID NOS: 9645

SOFTWARE: Patentin version 3.0

SEQ ID NO 2568

LENGTH: 17
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US-09-776-474-562
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Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
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; Sequence 273, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       913 TTTGGTCTTTGCCTTT 928
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ORGANISM: Artificial Sequence
1 UAUGCCUCAUCUUCUU 16
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-848-754A-2568
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Sequence 717, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
FILE OF INVENTION:
FILE REPERENCE: RP1 400,003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT APPLICATION NUMBER: US/09/740,332
NUMBER OF SEQ ID NOS: 9704
SOPTWARE: Patentin version 3.0
                                                                                                                                                                                                                                            APPLICANT: Ribosyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin Version 3.0
SEQ ID NO 512
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15.3%; Score 11.2; DB 1;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
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; Sequence 512, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
                      919 CITIGCCTITIAICCC 934
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US-09-740-332-717/c
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US-09-740-332-2083
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Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaccuticals Inc.
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT PILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
SEQ ID NO 340
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Publication No. US20030125270A1
GENERAL INFORMATION: US20030125270A1
GENERAL INFORMATION: DESCRIPTION: BLOOMER PHARMACCULICAL INFORMATION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILIAG DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: Patentin version 3.0
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                                                                                                                                     Query Match
15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels
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15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 43.8%; Pred. No. 1.38+02;
Matches 7; Conservative 6; Mismatches 3; Indels
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ORGANISM: artificial sequence
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|GGGCCUUGCCUAUUAU 17
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                      LENGTH: 17
TYPE: RNA
CRGANISM: Homo sapiens
US-09-780-164-836
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NAME/KEY: misc_feature
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SEQ ID NO 836
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APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C virus Infection
FILE REFERENCE: RPI 40/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4216
LENGTH: 17
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Publication No. US20030171311A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
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15.3%; Score 11.2; DB 1;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3;
                                                                                                                                                                    ) LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4043
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CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SSCTWARE: Patentin version 3.0
LENGTH: 17
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Publication No. US20030125270A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0 SEQ ID NO 4043 LENGTH: 17 TYPE: RNA ORGANISM: artificial sequence FEATURE:
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ORGANISM: artificial sequence
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ORGANISM: artificial sequence
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NAME/KEY: misc_feature
LOCATION:
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                              APPLICANT: Ribozowe: Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REPRENSENTS: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001.03-26
NUMBER OF SEQ ID NOS: 9704
SEQ TON 2003
LENGTH: 17
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Publication No. US20030125270A1
GENERAL INFORMATION
TO THIE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RP1 400/003
CURRENT APPLICATION UNMER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SCOTTWARE: Patentin version 3.0
SEQ ID NO 3655
LENGTH: 17
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Publication No. US20330125270A1
GENERAL INFORMATION:
THIRE OF INVENTION: Benzyme Pharmaceuticals Inc.
TITLE OF INVENTION: Benzymetic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION WUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
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Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3;
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Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3;
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ORGANISM: artificial sequence
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  US20030125270A1
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ORGANISM: artificial sequence
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Publication No. US20
GENERAL INFORMATION:
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US-09-740-332-3655
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US-09-740-332-4043
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Sequence 2083, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relater
TITLE OF INVENTION: Hepatitis C virus Infection
FILE REFERENCE: MBH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT APPLICATION NUMBER: 2001-03-26
NUMBER OF SEG ID NOSE: 9703
SOFTWARE: Patentin version 3.0
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Sequence 3655, Application US/09817879

Sequence 3655, Application US/09817879

Sequence 3655, Application US/0981781941

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
                                                                                                                                                                      APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBHB00-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ. ID NOS: 9703
SOFTWARE: Patentin version 3.0
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15.3%; Score 11.2; DB 1;
Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     . LOCATION:
, OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-717
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: oligonucleotide substrate US-09-817-879-2083
                                                                                             Sequence 717, Application US/09817879 Publication No. US20030171311A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     950 TAATGTATCGCTACCA 965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                900 CCTGGTCATTTTCTTT 915
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                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: RNA
ORGANISM: artificial sequence
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NAME/KEY: misc_feature
LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
NAME/KEY: misc_feature
                                                                         US-09-817-879-717/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -09-817-879-2083
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Squence 340, Application US/09817879

Publication No. US20030171311A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Hepatitis C Virus Infection
TITLE OF INVENT APPLICATION NUMBER: 105/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTWARE: PatentIn version 3.0
SEQ ID NO 340
LENGTH: 17
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US-09-817-879-512/c
US-09-817-879-512/c
US-09-817-879-512/c
Subdirect 512, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MEHBOD-801-F
CURRENT APPLICATION VMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
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Best Local Similarity 43.8%; Pred. No. 1.3e+02;
Matches 7; Conservative 6; Mismatches 3; Indels
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                                             Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 43.8%; Pred. No. 1.3e+02; Matches 7; Conservative 6; Mismatches 3; Indels
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; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-512
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: oligonucleotide substrate US-09-817-879-340
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                                                                                                                                                           916 GGTCTTTGCCTTTTAT 931
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SEQ ID NO 512
LENGTH: 17
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US-09-817-879-339
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US-10-342-902-120

| Sequence 120, Application US/10342902 |
| Publication No. US20040054156A1 |
| GENERAL INPORATION |
| APPLICANT: Sirrar Therapetutics, Inc. |
| APPLICANT: Sirrar Therapetutics, Inc. |
| APPLICANT: Blatt, Larry |
| APPLICANT: Blatt, Larry |
| APPLICANT: Morrissey, Dave |
| PRIOR APPLICATION NUMBER: US/10/342,902 |
| PRIOR APPLICATION NUMBER: US 09/696,347 |
| PRIO
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Sequence 814, Application US/204054156A1
Sequence 814, Application No. US20040054156A1
SERNAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Bratt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McTatasey, Dave
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Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3;
                                                                         NAME/KEY: misc_feature
i LOCATION:
corner or oligonucleotide substrate
US-09-817-879-4216
                                                                                                                                                                                                                                                                                                                                                                                           916 GGTCTTTGCCTTTTAT 931
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          ORGANISM: artificial sequence
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US-10-342-902-120
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US-09-817-879-4043
Sequence 4043, Application US/09817879
Sequence 4043, Application US/09817879
Publication No. US20030171311A1
GENERAL INFORMATION:
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: MBH800-801-F
CURRENT APPLICATION NUMBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOFTHARE: Patentin version 3.0
SEQ ID NO 4043
LENGTH: 17
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US-09-817-879-4216/c
Sequence 4216, Application US/09817879
Sequence 4216, Application US/09817879
Sequence 4216, Application US/030171311A1
Sequence 4216, Application US/030171311A1
Sequence 4216, Application US/030171311A1
Sequence 4216, Application US/030171311A1
Sequence 4216, Experiment England England
Sequence File Reference England
FILE REFERENCE MBHB00-801-F
CURRENT APPLICATION UNBER: US/09/817,879
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9703
SOSTWARE: Patentin version 3.0
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TITLE OF INVENTION: Hepatitis C Virus Infection FILE REFERENCE: MBHBO0-801-F CURRENT APPLICATION NUMBER: US/09/817,879 CURRENT FILING DATE: 2001-03-26 NUMBER OF SEQ ID NOS: 9703 SEPTWARE: Patentin version 3.0 LENGTH: 17
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                                                                                                                                                                                                                                                                                     TYPE: RNA ORGANISM: artificial seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ccuggucuacauuggu 16
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                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature
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Matches 8; Conserv
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LENGTH: 17
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Sequence 621, Application US/10675685
| Publication No. US20040063134A1
| Publication No. US20040063134A1
| Publication No. US20040063134A1
| APPLICANT: Gu, Yizhong
| APPLICANT: Shannon, Mark
| TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
| FILE REFERENCE: PB0114
| CURRENT APPLICATION NUMBER: US/10/675,685
| PRIOR APPLICATION NUMBER: US 60/207,456
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Publication No. US20040063134A1

GENERAL INFORMATION:
APPLICANT: Shannon, Mark
ITTLE OF INVENTION: NOVEL ISOFORMS OF HUWAN PREGNANCY-ASSOCIATED PROTEIN E
FILE REFERENCE: PB0114
CURRENT APPLICATION NUMBER: US/10/675,685
CURRENT FILING DATE: 2003-09-30
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 1881
SOFTWARE: ASOMICA Sequence Listing Engine
SEQ ID NO 622
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US-09-927-046-220
Sequence 220, Application US/09927046
Publication No. US20030064946A1
929 TATCCCTCCTCTTCAT 944
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                    US-10-675-685-621/c
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APPLICANT: BIACK, LEATY
APPLICANT: Blatt, LEATY
APPLICANT: BLACK, LEATY
APPLICANT: MCSWIGGEN, Jim
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT APPLICATION NUMBER: US 09/877,478
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-08-09
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1995-05-14
PRIOR FILING DATE: 1995-01-10-8
PRIOR PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1995-01-10-8
PRIOR PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1995-05-14
PRIOR PRIOR APPLICATION NUMBER: US 09/436,430
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                                     CURRENT FILING DATE: 2003-01-15
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 20001-06-08
PRIOR FILING DATE: 20001-06-08
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 1090-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR PILING DATE: 1992-06-14
PRIOR FILING DATE: 1992-06-14
PRIOR FILING DATE: 1999-11-08
NUMBER: DESIGN FOR FILING DATE: 1999-11-08
NUMBER: PRIOR FILING DATE: 1999-11-08
NUMBER: PRIOR FILING DATE: 1999-11-08
NUMBER: PRIOR PILING DATE: 1999-11-08
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
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Publication No. US20040054156A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: RNA; ORGANISM: Hepatitis B virus
US-10-342-902-814
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US-10-342-902-1871
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Arvincant: Ayers, Dave

Arvincant: Apers, Dave

APPLICANT: Grupe, Anadew

APPLICANT: Grupe, Anadew

TITLE OF INVENTION: Granel-1

TITLE OF INVENTION: Channel-1

FILE REFERENCE: 249/021

CURRENT APPLICATION NUMBER: US/09/927,046

NUMBER OF SEQ ID NOS: 5450

SOFTWARE: Patentin version 3.0

SOFTWARE: Patentin version 3.0

LENGTH: 17

TUDENCE: ANADELICATION NUMBER: US/09/927,046

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TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REPERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PLLING DATE: 2001-01-30
PRIOR PLLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PLLING DATE: 2001-01-30
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Best Local Similarity 50.0
Matches 8; Conservative
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CRGANISM: Homo sapiens
US-09-927-046-789
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CORGANISM: Homo sapiens
US-10-060-756A-4082
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Best Local Similarity
Matches 13; Conserv
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US-10-060-756A-4082
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US-09-927-046-654/c
; Sequence 654, Application US/09927046
; Publication No. US20030064946Al
; GENERAL INFORMATION:
    APPLICANT: Ribozyme Pharmaceuticals, Inc
; APPLICANT: Rosayingen, Jim
; APPLICANT: Thompson, Jim
; APPLICANT: McKenzie, Tim
; APPLICANT: Chunge, Andrew
; APPLICANT: Szymkowski, Edmund
; TITLE OF INVENTION: Channel-1
; CURRENT FILING DATE: 2001-08-09
; NUMBER OF SEQ ID NOS: 5450
; SOFTHARE: Patentin Version 3.0
; SOFTHARE: Patentin Version 3.0
; EBNGTH: 17
                                                                                                                                                                                                                                                                  APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: Ayers, Dave
APPLICANT: Ayers, Dave
APPLICANT: Szymkowski, Edmund
IITLE OF INVENTION: Channel-1
FILE OF INVENTION: Channel-1
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: Patentin version 3.0
SEQ ID NO 220
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APPLICANT: McSwiggen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
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Best Local Similarity 50.0
Matches 8; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-927-046-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
CORGANISM: Homo sapiens
US-09-927-046-654
                                                                                                                                                                                                                                        GENERAL INFORMATION:
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US-09-927-046-789
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APPLICANT: Zhang, Jian
APPLICANT: Zhang, Jian
APPLICANT: Zhang, Jian
APPLICANT: Cu, Yizhong
APPLICANT: Gu, Yizhong
APPLICANT: Gu, Yizhong
APPLICANT: Muyen, Cunag-Tuong
FILE REFERENCE: P80158
CURRENT APPLICATION NUMBER: US/10/066,895A
CURRENT FILING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELI
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Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PRO1108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
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Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
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LENGTH: 17
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US-10-060-895A-529
                                                                    TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 529, Applic Publication No. US20 GENERAL INFORMATION:
                                                                                                                                   -10-060-895A-529
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US-10-060-998-486
                        LENGTH: 17
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APPLICANT: Chang, Jian
APPLICANT: Chang-Tuong
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
TITLE OF INVENTION: HUMAN UDP-GALNAC:POLYPEPTIDE N-ACETYLGALACTOSAMINYLTRANSFERASE 10
FILE REFERENCE: 2002-6-10
FRIDE REPRENCE: 2003-6-10
FRIOR PELLING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2003-01-30
FRIOR FILING DATE: 2003-
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APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REPERENCE: BOD177
CURRENT APPLICATION NUMBER: US/10/0667
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLICATION NUMBER: PCT/US01/00669
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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illarity 81.2%; Pred. No. 1.3e+02;
Conservative 0; Mismatches
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SEQ ID NO 528
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 528, Application US/10060895A Publication No. US20030104403A1 GENERAL INFORMATION:
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US-10-060-756A-4083
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
Matches 13; Conserva
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RESULT 213
US-10-060-998-491

i Sequence 491, Application US/10060998

publication No. US20030104530A1

GENERAL INFORMATION:
    TILE APPLICATION:
    TILE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
    TILE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
    TILE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
    FILE REFERENCE: P801108
    CURRENT FILING DATE: 2001-01-30
    PRIOR APPLICATION NUMBER: US 09/864,761
    PRIOR APPLICATION NUMBER: US 09/864,761
    PRIOR PELLING DATE: 2001-01-31
    PRIOR PELLING DATE: 2001-01-32
    PRIOR FILING DATE: 2001-01-21
    NUMBER OF SEQ ID NOS: 3056
    SOFTWARE: Acomica Sequence Listing Engine
    SEQ ID NO 491
    LENGTH: 17
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Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
     SOFTWARE: Aeomica Sequence Listing Engine SEQ ID NO 489
LENGTH: 17
                                                                                                                                                                                                                                                                                                   938 TCTTCATTGGTTTAAT 953
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US-10-060-998-491
                                                                                 TYPE: DNA
CORGANISM: Homo sapiens
US-10-060-998-489
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US-10-060-998-489

Sequence 489, Application US/10060998

Publication No. US20030104530A1

GENERAL INFORMATION:

APPLICANT: Gu, Yizhong

TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1

FILE REFRENCE: PB01108

CURRENT APPLICATION NUMBER: US/10/060,998

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR PLING DATE: 2001-05-23

PRIOR FILING DATE: 2001-05-23

NUMBER OF SEQ ID NOS: 3056
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US-10-060-998-488

/ Sequence 488, Application US/10060998

/ Sequence 488, Application No. US20030104530A1

/ GENERAL INFORMATION:
// APPLICATION No. US20030104530A1

/ TILE OF INVENTION: WIAMN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1

/ FILE REFERENCE: PB01108

/ CURRENT APPLICATION NUMBER: US/10/060,998

/ CURRENT FILING DATE: 2002-01-30

// PRIOR APPLICATION NUMBER: US 09/864,761

/ PRIOR APPLICATION NUMBER: US 09/864,761

/ PRIOR APPLICATION NUMBER: US 06/343,331

/ PRIOR APPLICATION NUMBER: US 60/343,331

/ RECORD APPLICATION NUMBER: US 60/343,331
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PRIOR APPLICATION NUMBER: PCT/USO1/00666
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-05-23
PRIOR PLING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/343,331
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 3056
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 486
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CORGANISM: Homo sapiens
US-10-060-998-488
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; ORGANISM: Homo sapiens
US-10-060-998-486
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SEQ ID NO 747
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TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: DC7/US01/00666
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-05-23
PRIOR PILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
SOFTWARE: Acomica Sequence Listing Engine
SOFTWARE: Acomica Sequence Listing Engine
ELENGTH: 17
                                                        Gaps
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                                                                                                                                                                                                                                                                             Sequence 613, Application US/10060998
Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
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Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 1.3e+02; Matches 13; Conservative 0; Mismatches 3; Indels
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15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-05-23

PRIOR PILING DATE: 2001-05-23

PRIOR PILING DATE: 2001-12-21

PRIOR PILING DATE: 2001-12-21

NUMBER OF SEQ ID NOS: 3056

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 613
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Publication No. US20030104530A1
GENERAL INFORMATION:
                                                                                                         938 TCTTCATTGGTTTAAT 953
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ORGANISM: Homo sapiens
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US-10-060-998-746
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crescearirirecars 17

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Sequence 452, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribosyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MEHBOL-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEC ID NOS: 8013
SOFTWARE: Patentin version 3.0
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APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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                                               GENERAL INFORMATION:
APPLICANT: GU, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB011.08
CURRENT APPLICATION NUMBER: US/10/066,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR PLING DATE: 2001-01-30
PRIOR PLING DATE: 2001-05-23
PRIOR PLING DATE: 2001-05-23
PRIOR PLING DATE: 2001-12-21
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                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 3056
SOFTWARE: Acomica Sequence Listing Engine
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Sequence 747, Application US/10060998
Publication No. US20030104530A1
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BCDTTLZT-829.rnDD

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Sequence 1291, Application US/10307005
; Publication No. US2030236208A1
GENERAL INFORMATION:
APPLICANT: UNIVERSITY of Delaware
APPLICANT: Exic B. Kmiec
APPLICANT: Howard B. Gamper
APPLICANT: Howard B. Gamper
APPLICANT: Howard B. Gamper
APPLICANT: Michael C. Rice
APPLICANT CON WIGHER: US 10/10/307,005
CURRENT APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2001-66-01
PRIOR PRILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-06-01
SPRIOR FILING DATE: 2000-06-01
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Publication No. US2003023620841

GENERAL INFORMATION:

APPLICANT: University of Delaware
APPLICANT: Howard B. Gamper
APPLICANT: Howard B. Gamper
APPLICANT: Howard B. Gamper
APPLICANT: Michael C. Rice
APPLICANT: Michael C. Rice
APPLICANT: Moral C. Rice
APPLICANT: Moral C. Rice
APPLICANT: Moral C. Rice
APPLICANT: Wishing Modified Single Stranded Oligonucleotides
TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
FILE REPERBNOE: Napro/009 PCT
CURRENT APPLICATION NUMBER: US/10/307,005
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
PRIOR PRIOR DATE: 2000-10-30
PRIOR PRIOR DATE: 2000-10-30
PRIOR PRIOR PLING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
PRIOR FILING DATE: 2000-10-30
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PRIOR FILING DATE: 2000-10-30
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                                  Indels
   Best Local Similarity 81.2%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 3;
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; ORGANISM: Arabidopsis thaliana
US-10-307-005-1291
                                                                                                  937 CTCTTCATTGGTTTAA 952
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US-10-307-005-1291/c
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US-10-307-005-1292
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Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Daymaceuticals, Inc.
TITLE OF INVENTION: Brzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
CURRENT APPLICATION UNMBER: A100/050)
CURRENT APPLICATION UNMBER: A2012-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 1601
LENGTH: 17
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FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1552
LENGTH: 17
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                                                                                                                                                                                                                             TYPE: RNA
CORGANISM: Homo sapiens
US-10-156-306-1552
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CORGANISM: Homo sapiens
US-10-156-306-1601
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; ORGANISM: Homo sapiens
US-10-238-700-455
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Best Local Similarity
Matches 13; Conserv
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US-10-156-306-1601/c
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stochedo, Jame Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REPERENCE: MBHB00-876.N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stocbedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Logical Section (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
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Publication No. US20040077565A1
GENERAL INFORMATION:
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US-10-138-674-8358
Sequence 8358, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
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US-10-676-154-595
; Sequence 595, Application US/10676154
                        907 ATTITCTTIGGICITY 922
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                                                       2 AUAUUCUCUGCUCUUU 17
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Best Local Similarity 81.2
Matches 13; Conservative
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Best Local Similarity 25.0
Matches 4; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-10-138-674-5149
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US-10-138-674-8358
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LENGTH: 17
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| Sequence 1398, Application US/20138674
| Publication No. US20040077565A1
| GENERAL INFORMATION:
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: Bavco, Pam
| APPLICANT: Stinchcomb, Dan
| APPLICANT: Escobedo, Jaime
| APPLICANT: Escobedo, Jaime
| TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
| TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
| TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
| TITLE OF INVENTION NUMBER: US/10/138,674
| CURRENT APPLICATION NUMBER: US/10/138,674
| CURRENT FILING DATE: 2002-05-03
| NUMBER OF SEQ ID NOS: 20022
| SOFTWARE: PatentIn version 3.0
| SEQ ID NO 1398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bavco, Pan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT APPLICATION NUMBER: 2002-05-03
NUMBER OF SEQ ID NOS: 20022
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 119
LENGTH: 17
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                                                                                                                                                                       15.3%; Score 11.2; DB 1; Length 17; 81.2%; Pred. No. 1.3e+02;
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                                                                                                                                                                                                                                  3; Indels
                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 119, Application US/10138674; Publication No. US20040077565A1; GENERAL INFORMATION:
                           ; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-307-00S-1292
                                                                                                                                                                                                                                                                                              907 ATTITCTTIGGICTT 922
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Matches 13; Conservative
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Matches 13; Conservative
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US-10-138-674-119
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-138-674-119/c
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; SEQ ID NO 1292
                                                                                                                                                                           Query Match
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TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re.; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re.; FILE REPERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT PILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 2082.2
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1398
LENGTH: 17
TYPE: PATENTALE OF THE OFFICE OFFICE OF THE OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5149, Application US/10287949A
Publication No. US20040102389A1
Publication No. US20040102389A1
Publication No. US20040102389A1
Publication No. US20040102389A1
APPLICANT: NEORANTION:
APPLICANT: Bacoco, Pam
APPLICANT: StinchComb, Jam
APPLICANT: StinchComb, Jam
APPLICANT: StinchComb, Jame
APPLICANT: Sti
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| Sequence 8358, Application US/10287949A
| Publication No. US20040102389A1
| GENERAL INFORMATION:
| APPLICANT: Bavco, Pam
| APPLICANT: Bavco, Pam
| APPLICANT: Brobedo, Jaime
| APPLICANT: Brobedo, Jaime
| APPLICANT: Brobedo, Jaime
| TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
| FILE REPERENCE: MB1800-876-N (400/049)
| CURRENT APPLICATION NUMBER: US/10/287,949A
| CURRENT PILING DATE: 2003-04-11
| NUMBER OF SEQ ID NOS: 2082.
| SOFTWARE: Patentin version 3.0
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Best Local Similarity 81.2
Matches 13; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 231
US-10-287-949A-5149/c
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US-10-287-949A-8358
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Sequence 119, Application US/10287949A

Publication No. US20040102389A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Bacobedo, Dam
APPLICANT: Escobedo, Jaime
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions RefIILE REFERENCE: MBHED00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin Version 3.0

FOR SEQ ID NO 119
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                                                                                                                                                                                                                                GENERAL INPORMATION:
APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: David Houseman
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Methods and DNA Analysis
FILE REFERENCE: M0656/7045(HCL/MAT)
FILE REFERENCE: M0656/7045(HCL/MAT)
CURRENT APPLICATION NUMBER: US 60/101,757
PRIOR APPLICATION NUMBER: US 60/101,757
PRIOR APPLICATION NUMBER: DCT/US99/22283
PRIOR FILING DATE: 1999-09-25
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: PastSEQ for Windows Version 3.0
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US-10-287-949A-1398
; Sequence 1398, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
APPLICANT: Ribosyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Stinchcomb, Dan
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ORGANISM: Homo Sapiens
US-10-676-154-595
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CORGANISM: Homo sapiens
US-10-287-949A-119
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US-10-287-949A-119/c
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Gaps

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Length 17; 3; Indels

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Query Match
15.3%; Score 11.2; DB 1;
Best Local Similarity 50.0%; Pred. No. 1.3e+02;
Matches 8; Conservative 5; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                 Sequence 120, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: James, McSwiggen
APPLICANT: David, Morrissey
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US-10-669-841-814
; Sequence 814, Application US/10669841
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                    ; ORGANISM: Homo sapiens
US-10-712-672-1414
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APPLICANT:
APPLICANT:
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Sequence 114,4 Application US/10712672

Publication No. US20040102413A1

GENERAL INFORMATION:

APPLICANT: Shibozyme Pharmaceuticals, Inc.

APPLICANT: Chowrira, Barat

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

TILE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme

FILE REFERENCE: MBHB00-882-C (400/019)

CURRENT APPLICATION NUMBER: US/01/12,672

CURRENT FILING DATE: 2000-08-31

PRIOR PILING DATE: 2000-08-31

PRIOR FILING DATE: 2000-04-14

PRIOR PRILING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SOFTWARE: PATENTING DATE: 1999-08-31

NUMBER OF SEQ ID NOS: 5586

SEQ ID NOS: 5586

LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Chownitz, Bharat
APPLICANT: Chownitz, Bharat
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
ITILE OF INVENTION: Method and Reagent for the Inhibition of Telomerase Enzyme
FILE REFERENCE: MEHBOO-882-C (400/019)
CURRENT APPLICATION NUMBER: US/10/712,672
CURRENT APPLICATION NUMBER: US/09/653,225
PRIOR APPLICATION NUMBER: 60/197,769
PRIOR FILING DATE: 2000-04-14
PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1999-08-31
NUMBER OF SEQ ID NOS: 5586
SOFTWARE: PatentIn version 3.0
SEQ ID NO 363
LENGTH: 17
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                                                                                                              Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 25.0%; Pred. No. 1.3e+02; Matches 4; Conservative 9; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15.3%; Score 11.2; DB 1; Length 17; 50.0%; Pred. No. 1.3e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5; Mismatches
                                                                                                                                                                                                                                                                                                                                                                               sequence 363, Application US/10712672; Publication No. US20040102413A1; GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                                                                              908 TTTTCTTTGGTCTTTG 923
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            919 CTTTGCCTTTTATCCC 934
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Best Local Similarity 50.0
Matches 8; Conservative
                      TYPE: RNA
CORGANISM: Homo sapiens
US-10-287-949A-8358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-712-672-363
                                                                                                                                                                                                                                                                                                                               RESULT 233
US-10-712-672-363
LENGTH: 17
                                                                                                                                                                                                                                                           Db
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APPLICANT: David, MOTTUSSEY
APPLICANT: David, MOTTUSSEY
APPLICANT: Panela, Pavoo
APPLICANT: Patistice, Lee
APPLICANT: Renneth, Roberts
TITLE OF INVENTION: OLIGONUCLECOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA)
TITLE OF INVENTION: VIRUS REPLICATION
TITLE OF INVENTION: VIRUS REPLICATION
TITLE OF INVENTION: WIRDSE: 2003-09-23
CURRENT FILING DATE: 2003-09-23
CURRENT FILING DATE: 2003-09-23
FRIOR PELING DATE: 2001-06-08
FRIOR PELING DATE: 2001-06-08
FRIOR PELING DATE: 2001-06-08
FRIOR PELING DATE: 2001-06-08
FRIOR APPLICATION NUMBER: US 60/335,059
FRIOR PELING DATE: 2001-02-2
FRIOR PELING DATE: 2001-03-2
FRIOR PELING DATE: 2001-03-2
FRIOR PELING DATE: 2001-03-2
FRIOR PELING DATE: 2001-03-3
FRIOR PELING DATE: 2001-03-2
FRIOR PELING DATE: 2001-03-3
FRIOR
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Best Local Similarity 37.5%; Pred. No. 1.3e+02;
Matches 6; Conservative 7; Mismatches 3; Indels
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US-1U-669-441-2333
Sequence 2933, Application US/10669841
Fublication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Pavco
APPLICANT: Dennis, Pavco
APPLICANT: Patrice, Lee
APPLICANT: Patrice, Lee
APPLICANT: Risabeth, Robert
APPLICANT: Fatrice, Lee
APPLICANT: Risabeth, Robert
APPLICANT: Risabeth, Robert
APPLICANT: Risabeth, Robert
APPLICANT: Patrice, Lee
APPLIC
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                          PRIOR FILING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR FILING DATE: 2001-10-24
PRIOR PLICATION NUMBER: US 60/337,055
PRIOR PLICATION NUMBER: US 60/337,055
PRIOR PLING DATE: 2001-11-05
PRIOR PLING DATE: 2002-02-20
PRIOR PLING DATE: 2002-03-10
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2000-03-26
PRIOR PLING DATE: 2000-10-18
PRIOR PLING DATE: 2000-10-18
PRIOR PLING DATE: 2000-01-03
PRIOR PLING DATE: 2000-01-03
PRIOR PLING DATE: 2000-01-03
PRIOR PLING DATE: 2000-00-01
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR PLING DATE: 2000-00-01
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR PLING DATE: 2000-00-15
PRIOR APPLICATION NUMBER: US 09/511,931
PRIOR APPLICATION NUMBER: US 09/511,931
PRIOR DATE: 2000-00-15
PRIOR DATE: 2000-00-10-18
PRIOR DATE: 2000-00-10-10-18
PRIOR DATE: 2000-00-10-10-18
PRIOR DATE: 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: oligonucleotide substrate US-10-669-841-2932
APPLICATION NUMBER: PCT/US02/09187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  916 GGTCTTTGCCTTTTAT 931
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 GGCCUUGCCUAUUAU 17
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                                                                               APPLICANT: SITAL THEORYATION:
APPLICANT: Lawrence, Blatt
APPLICANT: Lawrence, Blatt
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: David, Morriseey
APPLICANT: David, Morriseey
APPLICANT: David, Morriseey
APPLICANT: David, Morriseey
APPLICANT: Elsaber, Roberts
APPLICANT: David, Morriseey
APPLICANT: David, Morriseey
APPLICANT: David, Morriseey
APPLICANT: David, Morrisee, Loe
APPLICANT: David, Morrisee, Loe
APPLICANT: David, Morrise (Mission Color)
APPLICANT: David, Morrise (Mission Color)
APPLICANT: Morrise (Mission Color)
APPLICANT APPLICANT (Mission Color)
APPLIC
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Publication No. US20040127446A1

GENERAL INFORMATION

APPLICANT: Lawrence, Blatt

APPLICANT: Dennis, Macejak

APPLICANT: Dennis, Macejak

APPLICANT: Dennis, Macejak

APPLICANT: Dennis, Macejak

APPLICANT: Pamela, Pavco

APPLICANT: Pamela, Pavco

APPLICANT: Reneth, Draper

APPLICANT: Reneth, Draper

APPLICANT: Relath

APPLICANT: Respective Lee

APPLICANT: Re
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US20040127446A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-669-841-2932
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APPLICANT: Parala, Mortisesy
APPLICANT: Parala, Paraco
APPLICANT: Parala, Paraco
APPLICANT: Parala, Paraco
APPLICANT: Renneth, Draper
APPLICANT: Renneth, Draper
APPLICANT: Elisabeth, Roberts
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGOMACLECTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIE OF INVENTION: VIRUS REPLICATION
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (WHBD2-249-E)
CURRENT PAPLICATION NUMBER: US/10/669/841
CURRENT PAPLICATION NUMBER: US 60/296,876
PRIOR APPLICATION NUMBER: US 60/235,659
PRIOR PLING DATE: 2001-00-24
PRIOR PLING DATE: 2001-10-24
PRIOR FILING DATE: 2001-12-05
PRIOR FILING DATE: 2001-12-05
PRIOR PLING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: US 60/331,124
PRIOR PLING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: US 60/361,124
PRIOR PLING DATE: 2000-12-06
PRIOR APPLICATION NUMBER: US 60/361,931
PRIOR PLING DATE: 2000-12-18
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 69/504,321
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 60/504,321
PRIOR PLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 60/504,321
PRIOR PLING DATE: 2000-07-07
PRIOR RELING DATE: 2000-07-07
PRIOR PLING DATE: 2000-07-07
PRIOR PLIN
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OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
                                                                                          Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 16207 SOFTWARE: Patentin version 3.0 SEQ ID NO 3105 LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
LOCARION:
; COCARION:
100-10-669-841-3105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-669-841-3310/c
; Sequence 3310, Application US/10669841
; Publication No. US20040127446A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       949 TIAATGIATCGCIACC 964
                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin version 3.0
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David, Morrissey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Renneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGOWICLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MEHBO2-249-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILING DATE: 2002-09-27
PRIOR PELING DATE: 2002-09-32
PRIOR PELING DATE: 2001-06-08
PRIOR PELING DATE: 2001-10-24
PRIOR PELING DATE: 2001-10-24
PRIOR PELING DATE: 2001-10-26
PRIOR PELING DATE: 2001-10-26
PRIOR FILING DATE: 2001-10-27
PRIOR PELING DATE: 2001-10-26
PRIOR FILING DATE: 2001-10-26
PRIOR PLING DATE: 2001-10-27
PRIOR PLING DATE: 2001-0-20
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PRIOR FILING DATE: 2002-03-11
PRIOR PILING DATE: 2002-03-11
PRIOR PILING DATE: 2001-03-26
PRIOR PILING DATE: 2001-03-26
PRIOR PILING DATE: 2000-12-18
PRIOR PLING DATE: 2000-12-18
PRIOR PLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/501,931
PRIOR PLING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR PLING DATE: 2000-07-07
PRIOR PLING DATE: 2000-03-15
PRIOR PLING DATE: 1000-02-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: oligonuclectide substrate US-10-669-841-2933
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PRIOR APPLICATION NUMBER: US 09/817,879
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 09/740,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US 09/611,931
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: US 09/504,321
PRIOR FILING DATE: 2000-02-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    919 CTTTGCCTTTTATCCC 934
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| ccuugccuatuatucc 16
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ORGANISM: Artificial Sequence
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### APPLICANT: Wenneth, Draper

### APPLICANT: Kenneth, Draper

#### APPLICANT: Kenneth, Draper

#### APPLICANT: Elasabeth, Roberts

#### APPLICANT: Elasabeth, Roberts

#### TITLE OF INVENTION: OLIGOMUCLECTIDE WEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA

#### TITLE OF INVENTION: URRUS REPLICATION

#### TITLE OF INVENTION: UNRER: US/10/66,9 ###

#### CURRENT APPLICATION NUMBER: US/10/66,9 ###

#### PRIOR FILING DATE: 2003-09-23

### PRIOR FILING DATE: 2003-09-23

### PRIOR FILING DATE: 2001-10-24

### PRIOR FILING DATE: 2001-10-24

### PRIOR FILING DATE: 2001-10-24

### PRIOR FILING DATE: 2001-10-06

### PRIOR FILING DATE: 2001-10-06

### PRIOR FILING DATE: 2001-10-06

### PRIOR FILING DATE: 2001-00-10

### PRIOR FILING DATE: 2001-00-10

### PRIOR FILING DATE: 2001-00-10

### PRIOR FILING DATE: 2001-00-11

### PRIOR FILING DATE: 2001-00-12

### PRIOR FILING DATE: 2001-00-11

### PRIOR FILING DATE: 2001-00-12

### PRIOR FILING DATE: 2001-00-13

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US-10-669-841-6248
                                                                                                                                                                                 US-10-669-841-6248
; Sequence 6248, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
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US-10-669-841-6636
; Sequence 6636, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
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ccugeuceunaucueu 17
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James, McSwiggen
David, Morrissey
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Kenneth, Draper
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APPLICANT:
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Publication No. USCO040127446A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Siran Terrapeuties, Inc.
APPLICANT: Dennis, Macejak
APPLICANT: Dennis,                                                                                                                                                                                                                                                                     ö
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                                                                                                                                                                                 Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 1.3e+02; Matches 13; Conservative 0; Mismatches 3; Indels
                                   LOCATION:
COTHER INFORMATION: oligonucleotide substrate
US-10-669-841-3310
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US-10-669-841-4676
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ORGANISM: Artificial Sequence
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   NAME/KEY: misc_feature
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APPLICANT: Sirna Therapeutics, Inc.

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RESULT 245
US-10-723-361-7083/C
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361-7083/D
US-10-723-361
US-10-723-36
FILE REFERENCE: 400/042US (MBHB02-249-E)

CURRENT APPLICATION NUMBER: US/10/669,841

CURRENT FILING DATE: 2003-09-23

FRIOR FILING DATE: 2003-09-26

FRIOR FILING DATE: 2001-06-08

FRIOR PLING DATE: 2001-6-08

FRIOR APPLICATION NUMBER: US 60/296,876

FRIOR PLING DATE: 2001-6-08

FRIOR APPLICATION NUMBER: US 60/337,055

FRIOR APPLICATION NUMBER: US 60/337,055

FRIOR PLING DATE: 2001-10-05

FRIOR FILING DATE: 2001-10-05

FRIOR FILING DATE: 2002-02-03-10

FRIOR FILING DATE: 2002-03-11

FRIOR PLING DATE: 2000-03-11

FRIOR PLING DATE: 2000-03-11

FRIOR PLING DATE: 2000-03-11

FRIOR PLING DATE: 2000-13-18

FRIOR PLING DATE: 2000-12-18

FRIOR PLING DATE: 2000-12-18

FRIOR PLING DATE: 2000-12-18

FRIOR APPLICATION NUMBER: US 09/611,931

FRIOR PLING DATE: 2000-02-15

FRIOR FILING DATE: 2000-02-15
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COTHER INFORMATION: Oligonucleotide substrate
US-10-669-841-6809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       916 GGTCTTTGCCTTTTAT 931
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
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LENGTH: 17
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                                                                                                                                                                                                                                           APPLICANT: Patrice, Lee
APPLICANT: Kenneth, Draper
APPLICANT: Kenneth, Draper
APPLICANT: Elisabeth, Roberts
TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MEHB02-249-E)
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TITLE OF INVENTION: OLICONUCLECTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
TITLE OF INVENTION: VIRUS REPLICATION
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CURRENT APPLICATION NUMBER: 2013/0569,841
CURRENT FILING DATE: 2003-09-23
FRIOM PELLOATION NUMBER: PCT/USO2/09187
FRIOM FILING DATE: 2002-03-26
FRIOM PAPLICATION NUMBER: PCT/USO2/09187
FRIOM FILING DATE: 2001-16-06-08
FRIOM REPLICATION NUMBER: US 60/235,059
FRIOM PELLOATION NUMBER: US 60/337,055
FRIOM PELLOATION NUMBER: US 60/337,055
FRIOM FILING DATE: 2001-12-24
FRIOM PELLOATION NUMBER: US 60/337,055
FRIOM PELLOATION NUMBER: US 60/337,055
FRIOM RELING DATE: 2002-02-0
FRIOM RELING DATE: 2002-02-0
FRIOM RELING DATE: 2002-02-1
FRIOM PELLOATION NUMBER: US 60/363,124
FRIOM FILING DATE: 2001-03-26
FRIOM PELLOATION NUMBER: US 69/740,332
FRIOM PELLOATION NUMBER: US 69/611,931
FRIOM RELING DATE: 2000-02-16
FRIOM RELING DATE: 2000-02-16
FRIOM PELLOATION NUMBER: US 69/611,931
FRIOM PELLOATION NUMBER: US 69/611,931
FRIOM FILING DATE: 2000-02-16
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US-10-669-841-6636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   949 TTAATGTATCGCTACC 964
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 UNAAGGUGUCGUUACC 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA
ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dennis, Macejak
James, McSwiggen
David, Morrissey
                                                                                                                   James, McSwiggen
Javid, Morrissey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patrice, Lee
Kenneth, Draper
                                Lawrence, Blatt
                                                                                                                                                                                                          Pamela, Pavco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pamela, Pavco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 6636
LENGTH: 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              g
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US-09-365-029-72

Sequence 7.2, Application US/09365029

Patent No. US20010021772A1

GENERAL INFORMATION:

APPLICANT: UHLANN' EUGAN

APPLICANT: PEYMAN, Anuschirwan

APPLICANT: BITONII, Anuschirwan

APPLICANT: BITONII, Anuschirwan

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

FILE REPRENCE: 25693/206

CURRENT APPLICATION NUMBER: US/09/365,029

CURRENT FILING DATE: 1999-08-02

EARLIER PELLING DATE: 1998-08-02

NUMBER OF SEQ ID NOS: 94

SEQ ID NO 72

LENGTH: 12

LENGTH: 12
                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense; OTHER INFORMATION: oligonucleotide
US-03-365-029-72
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0
Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 1.3e+02; Matches 13; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 11; DB 1; Length 15;
Pred. No. 1.3e+02;
1; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 15.1%; Score 11; DB 1; Length 12; Best Local Similarity 100.0%; Pred. No. 1.1e+02; Matches 11; Conservative 0; Mismatches 0; Indels
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84.6%;
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ORGANISM: Artificial Sequence
                                                                                                                                                                   16 crccrccrccrrddcr 1
                                                                                                                  934 CICCICITCATIGGTT
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ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 11; Conserv
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19-70-723-310-70-723-310-70-723-310

Sequence 7084, Application UG/10723361

Sequence 7084, Application UG/10723361

Sequence 7084, Application No. US2040137589A1

Septicant No. US2040137589A1

APPLICANT UT, Youngang

APPLICANT ENRN, Sharron G

APPLICANT ENRN, David K.

APPLICANT ENRN UNBER: US 101.05

CURRENT FILING DATE: 2001-05-12

PRIOR PLING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/204,456

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FLING DATE: 2001-01-30

PRIOR PLING DATE: 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PRILMG DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR PELING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR PILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

SEQ ID NO 7083
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15.3%; Score 11.2; DB 1; Length 17; 81.2%; Pred. No. 1.3e+02; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  934 CICCICITCATIGGIT 949
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 crecrecrecridger 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
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) ORGANISM: Homo sapiens
US-10-723-361-7084
                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-7083
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Best Local Similarity
Matches 13; Conserv
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Query Match
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels
                APPLICANT: MAERTENS, GEERT; STUTVER, LIEVEN;
ROSSAD, RUDI, VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                  COMPUTER TOTAL

COMPUTER TOTAL

MEDIUM TYPE: Ploppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899, 082A
FILING DATE: 06-Jul-2001
GIASSIFICATION NUMBER: US/09/378, 900
FILING DATE: 4UNKNOWN>
APPLICATION NUMBER: US/09/378, 900
FILING DATE: 4UNKNOWN>
APPLICATION NUMBER: US/09/378, 900
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: EP/93/402, 129.6
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/93/402, 129.6
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: EP/92/403, 222.0
FILING DATE: 27-NOV-1993
APPLICATION NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 19, 683
REFERENCE/DOCKET NUMBER: 19, 683
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TITLE OF INVENTION: ISOLATES
CORRESPONDENCE 397
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           HYPOTHETICAL: NO ANTI-SENDE: NO SEQUENCE DESCRIPTION: SEQ ID NO: 34: US-09-899-082A-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (212) 661-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 34, Application US/09899302
Patent No. US20020168626A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BIERMAN & MUSERLIAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (212) 661-8002 INFORMATION FOR SEQ ID NO: 34: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         900 CCTGGTCATTT 910
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GENERAL INFORMATION:
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US-09-899-302-34
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                                                                                                                                                                        Sequence 34, Application US/09294121A
Patent No. US20020069422A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
APPLICANT: ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: ISCLAFES
NUMBER OF SEQUENCES: 97
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PILLING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/256,568
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: BP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAN
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 410.004
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
FUNCTH: 16 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/294,121A
PILING NATE.
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                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: genomic DNA HYPOTHETICAL: NO
906 CATTTTCTTTGGT 918
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Matches 11; Conservative
                                                 15 CRTTTACTTTGGT 3
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          linear
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                                                                                                                                                        US-09-294-121A-34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NI COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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Gaps
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Publication No. US20040106102A1

SAPLICANT: Dhallan, Eavinder S.

TITLE OF INVENTION: Ravinder S.

TITLE OF INVENTION: RAVINGER S.

PILE REPERBENCE: 54312000320

CURRENT PILING DATE: 2003-02-28

PRIOR PELLING DATE: 2003-02-28

PRIOR PELLING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/360,232

PRIOR APPLICATION NUMBER: US 60/376,354

PRIOR APPLICATION NUMBER: US 60/376,354

PRIOR PILING DATE: 2002-03-01

PRIOR PILING DATE: 2002-05-08

NUMBER OF SEC ID NOS: 262

SOFTWARE: FastSEC for Windows Version 4.0

SEQ ID NO 125

LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
15.1%; Score 11; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15.1%; Score 11; DB 1; Length 16;
CCMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE ASCII
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/899,044
FILING DATE: 06-201-2001
CLASSIFICATION: CURLOWN:
APPLICATION NUMBER: 09/378,900
FILING DATE: CHOWN:
APPLICATION NUMBER: PCT/EP93/03325
FILING DATE: 26-NOV-1993
APPLICATION NUMBER: EP/92/403,129.6
FILING DATE: 31-AUG-1993
APPLICATION NUMBER: EP/92/403,222.0
FILING DATE: 27-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A: MUSERIALAN
REGISTRATION NUMBER: 19,683
FILESCAMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECHONE: (212) 661-8002
INFORMATION: FOR ESQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
FRATURE:
NAME/KEY: misc_feature
LOCATION:
LOCATION:
CO-376-770-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     : LENGTH: 16 base pairs
: TENGTH: 16 base pairs
: FYPE: mucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECTLE TYPE: genomic DNA
: HYPOTHETICAL: NO
: ANTI-SENSE: NO
: SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-899-044-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                900 CCTGGTCATTT 910
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US-10-376-770-125
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 34, Application US/09899044
Publication No. US20030036053A1
GENERAL INFORMATION:
APPLICANT: MAERTENS, GEERT; STUYVER, LIEVEN;
ROSSAU, RUDI; VAN HEUVERSWYN, HUGO
TITLE OF INVENTION: PROCESS FOR TYPING OF HCV
                                                                         STATUE: NEW INCLEAD

COUNTRY: USA

ZIP: 10016
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUW TYPE: Ploppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: COMPATIBLE
OPPRANTE ASCII
CURRENT APPLICATION NUMBER: US/09/899,302
FILING DATE:
PRIOR APPLICATION NUMBER: 09/378,900
FILING DATE: 18-JUL-1994
APPLICATION NUMBER: 09/256,568
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 26-NOV-1993
PRIOR APPLICATION NUMBER: EP/93/402,129.6
FILING DATE: 31-AUG-1993
PRIOR APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 37-NOV-1992
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 37-NOV-1993
APPLICATION NUMBER: EP/93/403,222.0
FILING DATE: 37-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: CHARLES A. MUSERLIAM
REGISTRATION NUMBER: 19,683
REFERENCE/DOCKET NUMBER: 19,004
TELEFHONE: (212) 661-8002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDONSS: SINGle
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: BIERMAN & MUSERLIAN
STREET: 600 THIRD AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10016
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
             STREET: 600 THIRD AVENUE CITY: NEW YORK STATE: NEW YORK COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 11, Conservative
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US-09-899-044-34
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Sequence 6005, Application US/09877478

publication No. US20030668301A1

publication No. US20030668301A1

publication No. US20030668301A1

APPLICANT: IRPORMATION:

APPLICANT: Batt, Larry

APPLICANT: Morrissey, Dave

TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

FILE REPERENCE: MBHB00-845-H (400/029)

CURRENT FILING DATE: 2001-12-31

PRIOR FILING DATE: 1992-05-14

PRIOR PELING DATE: 2000-03-20

PRIOR PELING DATE: 2000-03-20

PRIOR APPLICATION NUMBER: US 09/636,385

PRIOR FILING DATE: 2000-08-09

PRIOR APPLICATION NUMBER: US 09/696,347

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Sequence 173, Application US/09771933
| Sequence 173, Application US/09771933
| Publication No. US20030023387A1
| SEQUENCE 11N PORATION: Christopher J
| APPLICANT: Martin, Christopher J
| APPLICANT: Sanchez-Felix, Manuel V
| TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
| TITLE OF INVENTION: Computer, US/09/771,933
| FILE REFERENCE: 6.20-130
| CURRENT APPLICATION UNMBER: US/09/771,933
| CURRENT PILING DATE: 2.001-01-30
| NUMBER OF SEQ ID NOS: 2.05
| SEQ ID NO 173
| LENGTH: 15
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Pred. No. 1.3e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                   LOCATION: (1) ... (14)
CTHER INFORMATION: 2'-OMe nucleotide analogs
US-10-461-790-133
                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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                              LENGTH: 14
TYPE: RNA
ORGANISM: Hepatitis B Virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14 rargcerearerre 1
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                                                                                                                                                                                    NAME/KEY: misc_feature
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SEQ ID NO 133
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| Sequence 133, Application US/10461790
| Sequence 133, Application US/10461790
| Sequence 133, Application US/10461790
| Sequence 133, Application Occidence
| APPLICANT: Molk, Daniel P. |
| APPLICANT: Dockter, Janel M. |
| APPLICANT: Cochimura, Tadashi Marcy |
| APPLICANT: Schimura, Tadashi |
| APPLICANT: Stringfellow, Leslie A. |
| TITLE OF INVENTION: Hepatitis B Virus |
| PRIOR REPERENCE: GR134-02.UT |
| CURRENT FILING DATE: 2003-06-13 |
| PRIOR APPLICATION NUMBER: 60/89,393 |
| PRIOR FILING DATE: 2002-06-14 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 15.1%; Score 11; DB 1; Length 16; Best Local Similarity 100.0%; Pred. No. 1.38+02; Matches 11; Conservative 0; Mismatches 0; Indels
                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                      USENIOR APPLICATION NO. US20040137470A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC:
TITLE OF INVENTION: DISORDERS
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT APPLICATION NUMBER: US/10/61,165
CURRENT APPLICATION NUMBER: US/10/61,165
FRIOR APPLICATION NUMBER: US 60/378,354
FRIOR FILING DATE: 2003-09-13
FRIOR FILING DATE: 2002-03-11
FRIOR APPLICATION NUMBER: US 60/360,232
FRIOR FILING DATE: 2002-03-11
FRIOR FILING DATE: 2002-03-11
FRIOR FILING DATE: 2003-09-01
FRIOR FILING DATE: 2003-09-05
FRIOR FILING DATE: 2003-02-08
FRIOR FILING DATE: 2003-09-05
FRIOR FILING DATE: 2003-09-05
FRIOR FILING DATE: 2003-02-08
FRIOR FILING DATE: 2003-02-08
FRIOR FILING DATE: 2003-09-05
FRIOR FILING D
   Pred. No. 1.3e+02;
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US-10-661-165-125
                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 142
SOFTWARE: FastSEQ for Windows Version 3.0
   Best Local Similarity 100.0%;
Matches 11; Conservative 0
                                                                                                                   934 CICCICITCAL 944
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: 6
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US-10-342-902

Publication No. US20040054156A1

Sequence 6005, Application US/10342902

Publication No. US20040054156A1

APPLICANT: Sizna Therapeutics, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: Morkigsen, Jim

APPLICANT: Morkigsen, Jim

APPLICANT: Morkigsen, Jim

APPLICANT: Morkigsen, Jim

APPLICANT: Morkigsey, Jave

ITILE OF INVENTION INVERS: US 09/84-1}

CURRENT APPLICATION NUMBER: US 09/877,478

PRIOR PLING DATE: 2000-06-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-08-09

PRIOR PLING DATE: 2000-10-24

PRIOR PLING DATE: 1994-02-07

PRIOR PLING DATE: 1994-02-07

PRIOR PLING DATE: 1994-02-07

PRIOR PLING DATE: 1994-02-07

PRIOR PLING DATE: 1994-05-14

PRIOR PLING DATE: 1999-11-08

NUMBER OF SEQ ID NOS: 6592

SEQ ID NO 6005

LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6031, Application US/10342902

Publication No. US20040004156A1

GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Words Seey, Dave
TILLE OF INVERDOR-145-1)
CURRENT APPLICATION NUMBER: US 09/677,478
PRIOR APPLICATION NUMBER: US 09/671,478
PRIOR PLING DATE: 2000-03-20
PRIOR PLING DATE: 2000-03-20
PRIOR PLING DATE: 2000-03-20
PRIOR PLING DATE: 2000-06-24
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: 1994-03-04
PRIOR PLING DATE: 1994-03-04
PRIOR PLING DATE: 1994-03-04
PRIOR PLING DATE: 1999-11-08
PRIOR PLING DATE: 1999-11-08
PRIOR PLING DATE: 1999-11-08
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Pred. No. 1.3e+02;
6; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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bublication No. US20030063301A1

j GENERAL INFORMATION:

spublication No. US20030063301A1

j GENERAL INFORMATION:

APPLICANT: Ribozywe Pharmaceuticals, Inc.

APPLICANT: Black Larry

APPLICANT: Borgar, Larry

APPLICANT: Morisasy, Dar

APPLICANTON NUMBER: US 09/82,712

PRIOR PLING DATE: 1992-05-14

PRIOR PLING DATE: 1000-10-24

PRIOR PLING DATE: 1000-10-34

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Pred. No. 1.3e+02;
6; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 10.8; DB 1;
Pred. No. 1.3e+02;
6; Mismatches 2;
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-01-08
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PATENTIN VETSION 3.0
SEQ ID NO 6005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
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; ORGANISM: Hepatitus B virus
US-09-877-478-6031
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                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
CRGANISM: Hepatitis B virus
US-09-877-478-6005
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Sequence 68, Application US/10176972A Publication No. US20030235822A1 GENERAL INFORMATION:
14.8%;
85.7%;
                                                                                    919 CTTTGCCTTTTATC 932
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                                                                                                                          2 crrrccarrrage 15
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Best Local Similarity 85.7
Matches 12; Conservative
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Best Local Similarity 42.9°
Matches 6; Conservative
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CORGANISM: Homo sapiens
US-10-440-850-290
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US-10-176-972A-68
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TITLE OF INVENTION: Improved mutation analysis of the NFI Gene
FILE REPERENCE: UG-005-PCT
CURRENT APPLICATION NUMBER: US/10/128,560
CURRENT FILING DATE: 2002-04-18
PRIOR PELLING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 2000-06-05
PRIOR FILING DATE: 2000-06-16
NUMBER OF SEQ ID NOS: 264
SEQ ID NOS: 264
SEQ ID NO 219
LENGTH: 15
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                                                                                                                                              Score 10.8; DB 1; Length 15;
Pred. No. 1.3e+02;
6; Mismatches 2; Indels
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APPLICANT: Denton, R. Rex
APPLICANT: Denton, R. Rex
APPLICANT: Bieglecki, Karyn M
APPLICANT: Bieglecki, Kraryn M
APPLICANT: Stephens, J. Claiborne
TITLE OF INVENTION: HAPLOTYEES OF THE TURESFILB GENE
FILE REFERENCE: TWERSFILB MMH-0001US (CIP)
CURRENT APPLICATION NUMBER: US/10/044,674
CURRENT APPLICATION NUMBER: PCT/US00/18803
PRIOR APPLICATION NUMBER: PCT/US00/18803
PRIOR PILING DATE: 2000-07-10
NUMBER OF SEQ ID NOS: 94
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 44
                                                                                                                                                                                                                                                                                                                                                                           Sequence 219, Application US/10128560 Publication No. US20030134272A1 GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.2
SEQ ID NO 6031
LENGTH: 15
                                                                                                                                              Query Match
Best Local Similarity 42.9%;
Matches 6; Conservative
                                                                                                                                                                                                                                929 TATCCTCCTCTTC 942
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                                                                ; TYPE: RNA
; ORGANISM: Hepatitus B virus
US-10-342-902-6031
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Matches 12; Conservative
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US-10-128-560-219
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US-10-044-674-44
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US-10-440-850-290
US-10-440-850-290
US-10-440-850-290
I Sequence 290, Application US/10440850
| Sequence 290, Application US/10440850
| Publication No. US20030207837A1
| GENERAL INFORMATION:
| APPLICANT: Stinchcomb. Dan
| APPLICANT: Stinchcomb. Dan
| APPLICANT: Mcawaggen, Jim
| TILE OF INVENTION: Immune Responses
| TILE OF INVENTION: Immune Responses
| TILE DEPERENCE: 250/130 (MHB00-900-A)
| TILE DEPERENCE: 250/130 (MHB00-900-A)
| CURRENT PILING DATE: 2003-05-19
| PRIOR PILING DATE: 1096-01-12
| PRIOR PLIING DATE: 1996-01-12
| PRIOR PLING DATE: 1996-01-12
| PRIOR PLING DATE: 1996-01-12
| PRIOR APPLICATION NUMBER: US 60/000,951
| PRIOR PLING DATE: 1996-01-12
| PRIOR APPLICATION NUMBER: US 60/000,951
| PRIOR PLING DATE: 1996-01-12
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APPLICANT: Democy. Serged G.
APPLICANT: Democy. Serged G.
APPLICANT: Johna, Irina A.
APPLICANT: Afonia, Irina A.
APPLICANT: Atomia, Irina A.
APPLICANT: Atomia, Irina A.
APPLICANT: Singer, Michael J.
APPLICANT: Kutyavin, Igor V.
APPLICANT: Epoch Biosciences, Inc.
TILLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting
TILLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting
TILLE OF INVENTION: Temperatures (T-ms)
FILE REFERENCE: 17682A-003640US
CURRENT APPLICATION NUMBER: US 09/054,830
PRIOR APPLICATION NUMBER: US 09/054,832
PRIOR PILING DATE: 1998-04-03
PRIOR FILING DATE: 1999-11-01
PRIOR APPLICATION NUMBER: US 09/431,385
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Score 10.8; DB 1; Length 15; Pred. No. 1.3e+02; 0; Mismatches 2; Indels
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APPLICANT: Partice, Lee
APPLICANT: Fartice, Lee
APPLICANT: Fartice, Lee
APPLICANT: Eliabeth, Draper
APPLICANT: Eliabeth, Draper
APPLICANT: Eliabeth, Draper
APPLICANT: Eliabeth, Roberts
ITILE OF INVENTION: OLIGONCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPA
ITILE OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/442US (MEHBO2-24-E)
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT PLILIG DATE: 2003-09-23
FRIOR PILING DATE: 2001-06-08
FRIOR PILING DATE: 2001-06-38
FRIOR PLILING DATE: 2001-06-38
FRIOR PLILING DATE: 2001-06-38
FRIOR PLILING DATE: 2001-06-39
FRIOR PLILING DATE: 2001-06-39
FRIOR PLILING DATE: 2001-06-39
FRIOR PLILING DATE: 2001-03-36
FRIOR PLILING DATE: 2000-07-07
FRIOR PLILING DATE: 2000-03-11
FRIOR PLILING DATE: DATE: 2000-03-11
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Pred. No. 1.3e+02;
6; Mismatches 2; Indels
       42.9%; Pred. No. 1.3e+02;
tive 6; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                 Sequence 2434, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION: APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Lawrence, Blatt APPLICANT: Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-461-790-132/c
; Sequence 132. Application US/10461790
; Publication No. US20040029111A1
GENERAL INFORMATION:
APPLICANT: Linnen, Jeffery M.
APPLICANT: Kolk, Daniel P.
APPLICANT: Dockter, Janel M.
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Similarity 42.9%;
6; Conservative
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James, McSwiggen
David, Morrissey
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1 UAUGCCUCAUCUUC 14
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CRGANISM: Hepatitis B Virus
US-10-669-841-2434
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                                  6; Conservative
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Best Local Similarity
Matches 6; Conserv
       Best Local Similarity
Matches 6; Conserv
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APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Parela, Pavco
APPLICANT: Parela, Pavco
APPLICANT: Elsabeth, Roberts
APPLICANT: Olicovolication When Replicant Description of Parel Repression and Parel Repression an
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; OTHER INFORMATION: Description of Artificial Sequence:probe sequence
US-10-176-972A-68
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Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2;
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PRIOR FILING DATE: 2000-08-16
PRIOR APPLICATION NUMBER: US 09/724,959
PRIOR FILING DATE: 2000-11-28
PRIOR PELING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin Ver. 2.1
LENGTH: 15
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APPLICANT: Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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; ORGANISM: Hepatitis B Virus
US-10-669-841-2408
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60/282,491
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Publication No. US20040163146A1
CURRENT FILING DATE: 2002-04-08
PRIOR PEPLICATION NUMBER: US 60/
PRIOR FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 80
SOFTWARE: Patentin version 3.1
LENGTH: 12
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                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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US-08-726-093-8/c
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TITLE OF INVENTION: Method and Test Kit for Demonstrating Genetic Identity
FILE REFERENCE: A4435PUS
CURRENT APPLICATION NUMBER: US/10/351,934A
CURRENT FILING DATE: 2003-04-17
PRIOR APPLICATION NUMBER: FI 20020176
PRIOR FILING DATE: 2003-04-17
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
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                                            APPLICANT: Ho-Sing-Loy, Marcy
APPLICANT: Stringfellow, Leslie A.
ITILE OF INVENTION: Compositions and Methods for Detecting
TITLE OF INVENTION: Hepatitis B virus
TITLE OF INVENTION: Hepatitis B virus
TITLE OF INVENTION: Hepatitis B virus
TITLE OF INVENTION: HUBBER: 05.10/461,790
CURRENT APPLICATION NUMBER: 05/18/461,790
CURRENT FILING DATE: 2003-06-14
NUMBER OF SEQ ID NOS: 142
SOFTWARE: FateSEQ for Windows Version 3.0
SEQ ID NO 132
LENGTH: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 14.8%; Score 10.8; DB 1; Length 16; Best Local Similarity 85.7%; Pred. No. 1.4e+02; Matches 12; Conservative 0; Mismatches 2; Indels
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APPLICANT: BARNETT, Graeme R.
TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR PILE REPERENCE: 37955-0004
CURRENT APPLICATION NUMBER: US/10/117,108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , OTHER INFORMATION: right flanking (FR) sequence of Hbr7
US-10-351-934A-4
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NAME/KEY: misc feature
LOCATION: (1)...(16)
LOCATION: (2'-OMe nucleotide analogs
US-10-461-790-132
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    Getman, Damon K.
Yoshimura, Tadashi
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ORGANISM: Hepatitis B Virus
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ORGANISM: Zea mays
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US-10-117-108A-18/c
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NAME/KEY: misc feature

LOCATION: (1) - (6)

COTHER INFORMATION: The monomer anaggc may be repeated from 2-20 times
US-10-117-108A-18
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Publication No. US20020012902A1
GENERAL INFORMATION:
APPLICANT: FUCHS, Martin
APPLICANT: EGHOLM, Michael
APPLICANT: O'KEEFE, Heather
APPLICANT: YOA, XIAIL'NEI
APPLICANT: YOA, XIAIL'NEI
APPLICANT: YOA, XIAIL'NEI
APPLICANT: YOA, XIAIL'NEI
TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: PHILLIPS, JONATHAN
APPLICANT: PUTHIGAE, SATHISH
APPLICANT: YAO, JIALONG
APPLICANT: FINN, BARRY
APPLICANT: FORSTER, RICHARD S.
APPLICANT: EAGLETON, CLARE
TITLE OF INVENTION: VASCULAR-PREPERRED PROMOTERS
FILE REFERENCE: 044463-0264
PEATURE: OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION NUMBER: US/10/717,897
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: 60/428,287
PRIOR FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PATENTIN Ver. 3.2
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RESULT 274

US-10-156-113-2/c

i Sequence 2, Application US/10196113

sequence 2, Application No. US2003009973A1

GENERAL INFORMATION:
i GENERAL INFORMATION:
i APPLICANT: Wang, Eugenia
i APPLICANT: Wang, Eugenia
i APPLICANT: Ana, XueChun
i TITLE OF INVENTION: E-GENECHIP ONLINE WEB SERVICE FOR DATA MINING BIOINFORMATICS
i TITLE OF INVENTION: E-GENECHIP ONLINE
i FILE REFERENCE: UNLV 1013

CURRENT APPLICATION NUMBER: US/10/196,113

CURRENT PILING DATE: 2002-07-16

PRIOR APPLICATION NUMBER: 60/306,234

PRIOR FILING DATE: 2002-07-18

NUMBER OF SEQ ID NOS: 5

SOFTWARE: Patentin version 3.1

SEQ ID NO 2

LENGTH: 15
                                                           ; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; CTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1011
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58.3%; Pred. No. 1.5e+02;
ive 4; Mismatches 1; Indels
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Pred. No. 1.5e+02;
4; Mismatches 1; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 58.3%;
Matches 7; Conservative
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Matches 7; Conservative
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NUMBER OF SEQUENCES: 10
CORRESSORMER: 10
CORRESSORMER: Patent Administrator, Testa Hurwitz & ADDRESSEE: Patent Administrator, Testa Hurwitz & ADDRESSEE: Thibeault, LLP
STREET: 125 High Street
CITY: Mosson
STATE: Massachusetts
COUNTRY: USA
COUNTRY: USA
CONFUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PLODE/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
MEDIOM YIPM NUMBER: US/08/726,093
FILING DATE
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
MARE: TURNO, THOMAR: 35,72
RETENENCE/DOCKET NUMBER: 35,72
RETENENCE/DOCKET NUMBER: 35,72
RETENENCE/DOCKET NUMBER: 35,72
RETENENCE (617) 248-7100
FILEDPHONE: (61
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Sequence 4114, Application US/10287949A

Sequence 4114, Application US/10287949A

Sequence 4114, Application US/10287949A

Publication No. 1020040102389A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Bacoo, Pam

APPLICANT: Bacobedo, Jam

APPLICANT: Stinchcomb, Dan

APPLICANT: Stinchcomb, Dan

APPLICANT: Bacobedo, Jaime

TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel

TITLE OF INVENTION: Method and Reacular Endothelial Growth Factor Receptor

TITLE OF INVENTION: With A 100 (2000)

TITLE OF INVENTION: WITH A 100 (2000)

CURRENT APPLICATION NUMBER: US/10/287,949A

CURRENT FILING DATE: 2003-04-11

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: PatentIn version 3.0

SEQ ID NO 4114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ilarity 41.7%; Pred. No. 1.5e+02;
Conservative 6; Mismatches 1; Indels
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Pred. No. 1.6e+02;
0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-820-531-2/c
; Sequence 2. Application US/09820531
; Patent No. US20200009736A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Eugenia
; TILLE OF INVENTION:
; FILE REPERENCE: UNLY 1010
; CURRENT APPLICATION NUMBER: US/09/820,531
; CURRENT FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin Ver. 2.1
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Publication No. US20030085830A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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91.7%;
922 TGCCTTTTATCC 933
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Best Local Similarity 91.7
Matches 11; Conservative
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UUCCUUUAUCC 14
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3 UUCCUUUUAUCC 14
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Best Local Similarity
Matches 5; Conserv
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LENGTH: 16
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US-10-138-674-4114

Sequence 4114, Application US/10138674

Sequence 4114, Application No. US20040077565A1

Sebelication No. US20040077565A1

GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Stinnforomb, Dan

APPLICANT: Stinnforomb, Dan

APPLICANT: Escobedo, Jaime

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

ITILE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

FILE REFERENCE: MBHB00-876-N (400/049)

CURRENT APPLICATION NUMBER: US/10/139,674

CURRENT APPLICATION NUMBER: US/10/139,674

NUMBER OF SEQ ID NOS: 20822

SOFTWARE: Patentin version 3.0

SEQ ID NO 4114
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                                                                                            Score 10.4; DB 1; Length 15;
Pred. No. 1.5e+02;
0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Chew, Anne
APPLICANT: Chew, Anne
APPLICANT: Denton, R. Rex
APPLICANT: Denton, R. Rex
APPLICANT: Denton, R. Reishnan
APPLICANT: Nandabalan, Krishnan
APPLICANT: Nandabalan, Krishnan
APPLICANT: Nathe B.
TITLE OP INVENTION: HAPLOTYPES OF THE UCP2 GENE
FILE REFERENCE: MWH-0042US
CURRENT APPLICATION NUMBER: US/10/197,019
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02485
RICHARDA PALE 2001-01-25
NUMBER OF SEQ ID NOS: 116
SOFTWARE: Patentin version 3:1
                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 40, Application US/10197019; Publication No. US20030207284A1; GENERAL INFORMATION:
                                                                                               Query Match
Best Local Similarity 91.7%;
Matches 11; Conservative (
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Best Local Similarity 78.6%
                                                                                                                                                                                                   900 CCTGGTCATTTT 911
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-196-113-2
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US-10-197-019-40
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LENGTH: 15
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RESULT 283
US-09-877-478-6032

JS-09-877-478-6032

Squence 6032, Application US/09877478

Publication No. US20030068301A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Blatt, Larry

APPLICANT: Blatt, Larry

APPLICANT: McSwiggen, Jim

APPLICANT: MUSMER: US 09/977,478

CURRENT APPLICATION NUMBER: US 09/636,712

PRIOR APPLICATION NUMBER: US 09/636,385

PRIOR APPLICATION NUMBER: US 09/636,347

PRIOR APPLICATION NUMBER: US 09/636,347

PRIOR APPLICATION NUMBER: US 09/636,347

PRIOR APPLICATION NUMBER: US 08/193,627

PRIOR APPLICATION NUMBER: US 08/433,993
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                                                                                                                                                                                                                                                                                                                                                                                                Sequence 13, Application US/09848616
Sequence 13, Application US/09848616
Publication No. US20030054010A1
GENERAL INFORMATION:
APPLICANT: Sebbel, Peter
APPLICANT: Bachmann, Martin
APPLICANT: Tissot, Alain
APPLICANT: 15000002
TITLE OF INVENTION: Molecular Antigen Array
FILE REPERENCE: 1700.0180002
CURRENT APPLICATION NUMBER: US/09/848,616
CURRENT APPLICATION NUMBER: US/09/848,616
CURRENT FILING DATE: 2001.05-05
NUMBER OF SEQ ID NOS: 186
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 13
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
OTHER INFORMATION: Modified ribosome
CTHER INFORMATION: binding site
US-09-848-616-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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  ; LENGTH: 15
; TYBE: DNA
; ORGANISM: Escherichia coli
US-09-916-230-9
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US-09-848-616-13/c
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| Sequence 9, Application US/09916230
| Patent No. US20020146422A1
| GENERAL INFORMATION:
| APPLICANT: Benhamn, Martin F. APPLICANT: Benhamn, Wolfgang A. TITLE OF INVENTION: Compositions for Inducing Self-Specific Anti-IgE | TITLE OF INVENTION: Compositions for Inducing Self-Specific Anti-IgE | TITLE OF INVENTION: Application No. 0140001
| CURRENT FILING DATE: 2001-07-28
| PRIOR APPLICATION NUMBER: US 60/221,841
| PRIOR APPLICATION NUMBER: US 60/221,841
| NUMBER OF SEQ ID NOS: 35
| SOFTWARE: Patentin Version 3.0
| SEQ ID NO 9
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Best Local Similarity 91.7%; Pred. No. 1.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Sequence 4, Application US/09872338
Patent No. US20020061528A1
GENERAL INFORMATION:
APPLICANT: GARDNER, Timothy
TITLE OF INVENTION: Multi-State Genetic Oscillator
FILE REFERENCE: CEL-004
CURRENT APPLICATION NUMBER: US/09/872,338
CURRENT FILING DATE: 1999-12-01
PRIOR APPLICATION NUMBER: PCT/US99/28592
PRIOR APPLICATION NUMBER: US 60/110,616
PRIOR APPLICATION NUMBER: US 60/110,616
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
LENTH: 15
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333 CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 1127
LENGTH: 16
                                                                                                                                                                                       TYPE: DNA
ORGANISM: Methanococcus jannaschii complete genome.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Ribosome Binding Site A US-09-872-338-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             924 CCTTTTATCCCTCCT 938
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Best Local Similarity 80.0
Matches 12; Conservative
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US-09-872-338-4/c
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US-09-916-230-9/c
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APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Diager, Kenneth
APPLICANT: Diager, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
APPLICANT: Morriseey, Dave
TITLE OF INVENTION: McHood and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MRHBOO-845-I)
CURRENT PELLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2001-06-08
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-09
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1995-11-08
PRIOR FILING DATE: 1999-11-08
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                                                                                 Length 15;
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                                                                              Query Match
14.0%; Score 10.2; DB 1;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/09872339
Sequence 4, Application US/09872339
Sequence 4, Application No. US20030166879A1
SEQUENCE INCREMENTION: US20030166879A1
TITLE OF INVENTION: Adjustable Threshold Switch
FILE REFERNCE: CEL-003
CURRENT APPLICATION NUMBER: US/09/872,339
CURRENT FILING DATE: 2001-06-01
FRICE FILING DATE: 1999-12-01
FRICE FILING DATE: 1999-12-01
FRICE FILING DATE: 1999-12-01
FRICE FILING DATE: 1999-12-01
FRICE FILING DATE: 1998-12-02
NUMBER OF SEQ. DID NOS: 12
SOFTWARE: Patentin version 3.0
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14.0%; Score 10.2; DB 1;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3;
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ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: Ribosome Binding Site A
US-09-872-339-4
     OTHER INFORMATION: Ribosome Binding Site A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6032, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
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US-10-342-902-6032
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                US-09-872-868-4
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US-09-848-754A-9301/c
Sequence 9301, Application US/09848754A
Sequence 9301, Application US/09848754A
Sequence 9301, Application US-03000073207A1
Sequence 9301, Application No. US20030073207A1
SEDENTIAL INFORMATION: Encyle Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANTON INFORMATION: Levels of Epidermal Growth Factor Receptors
FILE REFRENCE: MBHB00-958-I (400/018)
FILE REFRENCE: MBHB00-958-I (400/018)
CURRENT APPLICATION UNMER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: Patentin version 3.0
SEQ ID NO 9301
LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Artificial Sequence: US-09-848-754A-9301
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; Publication No. US20030166191A1
; GENERAL INFORMATION:
    APPLICANT: GARDNER, Timothy
; TITLE OF INVENTION: Bistable Genetic Toggle Switch
    FILE REFERENCE: CEL-002
; CURRENT APPLICATION NUMBER: US/09/872,868
; CURRENT FILING DATE: 2001-05-01
; PRIOR FILING DATE: 1999-12-01
; PRIOR FILING DATE: 1999-12-01
; PRIOR FILING DATE: 1999-12-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4
; LENGTH: 15
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 195-05-04
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: Patentin version 3.0
LENGTH: 15
LENGTH: 15
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ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 80.05
Matches 12; Conservative
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Best Local Similarity
Matches 6; Conserv
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US-09-872-868-4/c
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FEATURE:

1.0CATION: (1488950)...(1488964)

1.0CATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3088

US-10-287-919-2410
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US-10-287-919-2410

US-10-287-919-2410

Sequence 2410, Application US/10287919

Publication No. US20030085830A1

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Methanococcus jannaschii complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT FAPLICATION NUMBER: US/10/287,919

CURRENT FILING DATE: 2002-11-05

NUMBER OF SEQ ID NOS: 2706

SOFTWARE: Proprietary

LENGTH: 15
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ORGANISM: Methanococcus jannaschii complete genome.
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14.0%; Score 10.2; DB 1;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Lechner, Franziska
APPLICANT: Sebbel, Peter
TYLICANT: Sebbel, Peter
TYLIA OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190004
FILE REFERENCE: 1700.0190004
CURRENT APPLICATION NUMBER: US 60/262,379
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR FILING DATE: 2001-019
PRIOR FILING DATE: 2001-05
PRIOR FILING DATE: 2001-05
PRIOR FILING DATE: 2001-05
PRIOR FILING DATE: 2001-10-05
PRIOR FILING DATE: 2001-11-07
NUMBER OF SEQ ID NOS: 350
SOFTWARE: Patentin Ver: 2.1
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 13, Application US/10050902; Publication No. US20030175290A1; GENERAL INFORMATION: APPLICANT: Renner, Wolfgang A. APPLICANT: Bachmann, Martin APPLICANT: Tissot, Alain APPLICANT: Maurer, Patrick
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1 rcrrcrrrrcrraAA 15
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US-10-050-902-13/c
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US-10-287-919-1291
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US-10-287-919-1284/C
is Sequence 1284, Application US/10287919
is Sequence 1284, Application US/10287919
is Publication No. US20030085830A1
is GENERAL INFORMATION:
is APPLICANT: Reldmann, Richard J.; Global Determinants, Inc.
is TITLE OF INVENTION:
is REPERBNCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/287,919
is CURRENT FILING DATE: 2002-11-05
is NUMBER OF SEQ ID NOS: 2706
is SOFTWARE: Proprietary
is SEQ ID NO 1284
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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Publication No. US20030085830A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION UNMER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOUTHARE: Proprietary
SEQ ID NO 1291
LENGTH: 15
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3; Indels
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ORGANISM: Methanococcus jannaschii complete genome.
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ORGANISM: Methanococcus jannaschii complete genome
  NUMBER OF SEQ ID NOS: 6592
SOFTWARE: Patentin version 3.2
SEQ ID NO 6032
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                                                                                                     ) TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-6032
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Matches 12; Conserva
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US-10-287-919-1291
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924 CCTTTTATCCCTCCT 938

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938 TCTTCATTGGTTTAA 952

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| LOCATION: (464388)...(464401)
| OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = US-10-255-120-293
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US-10-255-120-293

Sequence 293. Application US/10255120

Publication No. US2040091865A1

Publication No. US2040091865A1

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.

FILE REPERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT FILING DATE: 2002-11-19

NUMBER OF SEQ ID NOS: 903

SOFTWARE: Proprietary
                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/255,120
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 903
SOFTWARE: Proprietary
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                                                                                                                                                                                          3; Indels
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
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Best Local Similarity 40.0%; Pred. No. 1.7e+02;
Matches 6; Conservative 6; Mismatches 3;
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NUMBER OF SEQ ID NOS: 2285
SOFTWARE: PatentIn version 3.0
SEQ ID NO 291
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                                                                           ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-291
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Best Local Similarity
Matches 12; Conserva
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LENGTH: 15
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LENGTH: 15
                                                            LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Frey, Peter
TITLE OF INVENTION: Molecular Antigen Array
FILE REFERENCE: 1700.0190005
CURRENT APPLICATION NUMBER: US/10/050,898
CURRENT FILING DATE: 2002-01-18
                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/262,379
PRIOR APPLICATION NUMBER: US 60/288,549
PRIOR FILING DATE: 2001-01-19
PRIOR FILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-05-04
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: US 60/331,045
PRIOR APPLICATION NUMBER: US 60/331,045
NUMBER OF SEQ ID NOS: 350
SOFWARE: Patentin Ver: 2.1
LENGTH: 15
                                                                                                                 Sequence 13, Application US/10050898
Publication No. US20030175711A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                   Lechner, Franziska
Sebbel, Peter
Piossek, Christine
Ortmann, Rainer
Luond, Rainer
Staufenbiel, Matthias
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                                                                                                                                                                                              Bachmann, Martin
Tissot, Alain
Maurer, Patrick
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Best Local Similarity 80.04
Matches 12; Conservative
  15 CGTTTTTACCTCCT
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Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 16207 SOFTWARE: PatentIn version 3.0 SEQ ID NO 2435
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| Sequence 862, Application US/10033145 |
| Publication No. US20020151515A1 |
| GENERAL INFORMATION |
| APPLICANT: GENERAL INFORMATION |
| APPLICANT: SHANKARA, SRINIVAS |
| TILE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES |
| FILE REPERENCE: GA0201C |
| CURRENT APPLICATION NUMBER: US/10/033,145 |
| CURRENT FILING DATE: 2001-11-05 |
| PRIOR APPLICATION NUMBER: PCT/US99/13800 |
| PRIOR FILING DATE: 1999-06-18 |
| NUMBER OF SEQ ID NOS: 2137
                                                                                                                                                                                                                                                 h Similarity 40.0%; Pred. No. 1.7e+02; 6; Conservative 6; Mismatches 3; Indels
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ORGANISM: Artificial Sequence
FEATURE:
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; ORGANISM: Hepatitis B Virus
US-10-669-841-2435
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Best Local Similarity 80.0°
Matches 12; Conservative
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Best Local Similarity
Matches 6; Conservi
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US-10-733-582-13/c
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APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: David, Morrissey
APPLICANT: Pamela, Pavoo
APPLICANT: Pamela, Pavoo
APPLICANT: Pamela, Pavoo
APPLICANT: Pamela, Pavoo
APPLICANT: Patitice, Lee
APPLICANT: Releabeth, Roberts
APPLICANTON NUMBER: US 60/296,816
PRIOR PRING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/396,96
PRIOR APPLICANTON NUMBER: US 60/359,590
PRIOR APPLICANTON NUMBER: US 60/359,590
PRIOR APPLICANTON NUMBER: US 60/359,590
PRIOR PLING DATE: 2001-10-24
PRIOR APPLICANTON NUMBER: US 60/359,300
PRIOR PLING DATE: 2001-03-26
PRIOR PRIOR PLING DATE: 2001-03-26
PRIOR PLING DATE: 2001-03-26
PRIOR PLING DATE: 2001-03-26
PRIOR PLING DATE: 2001-03-26
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Fublication No. US20040091865A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Helicobacter pylort, strain 0.99 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION: Helicobacter pylort, strain 0.99 complete genome.
CURRENT APPLICATION: WIMBER: US/10/255,120
NUMBER OF SEQ ID NOS: 903
SOFTWARE: Proprietary
SEQ ID NO 298
LENGTH: 15
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
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     1 CTGGTCTTTTTAT 15
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Sequence 72, Application US/10330627
Publication No. US20030175771A1
GENERAL INFORMATION:
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    918 TCTTTGCCTT 927
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US-10-330-627-72
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ORGANISM: Homo sapiens
                                            10 TCTTTGCCTT
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Matches 10; Conserv
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US-09-365-029-71
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LENGIH: 10
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| Publication No. US20020151515A1
| Publication No. US20020151515A1
| Publication No. US20020151515A1
| APPLICANT: GENZYME CORPORATION
| APPLICANT: SHANKAAL SRINIVAS
| TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
| TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
| CURRENT APPLICATION NUMBER: US/10/033,145
| CURRENT FILING DATE: 2001-11-05
| PRIOR APPLICATION NUMBER: PCT/US99/13800
| PRIOR FILING DATE: 1999-06-18
| NUMBER OF SEQ ID NOS: 2137
| SOFTWARE: Patentin Version 3.0
| SEQ ID NO 1038
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Sequence 2027, Application US/10033145

Sequence 2027, Application US/10033145

Publication No. US20020151515A1

SERVERAL INFORMATION:

APPLICANT: GENEXYME CORPORATION

APPLICANT: SHANKARA, SRINIYAS

TILLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES

TILLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES

CURRENT APPLICATION NUMBER: US/10/033,145

CURRENT PILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: PCT/US99/13800

PRIOR PILING DATE: 1999-06-18

NUMBER OF SEQ ID NOS: 2137

SOFTWARES: ParentIn Version 3.0

LENGTH: 10

LENGTH: 10
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                                                                                                                                             Query Match
13.7%; Score 10; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 1.3e+02;
7ative 0; Mismatches 0;
SOFTWARE: Patentin version 3.0
SEQ ID NO 862
LENGTH: 10
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CORGANISM: Homo sapiens
US-10-033-145-1038
                                                                                   ORGANISM: Homo sapiens
US-10-033-145-862
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ORGANISM: Homo sapiens
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Best Local Similarity
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US-10-033-145-1038/c
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                                                                    TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: Brad St. Croix
APPLICANT: Bert Vogelstein
APPLICANT: Reneeth Kinzler
TILLE OF INVENTION: RNDCHELIAL CELL EXPRESSION PATTERNS
FILE REFERENCE: 1107.00134
CURRENT APPLICATION NUMBER: 08/022,599
PRIOR FILING DATE: 2000-08-01
PRIOR APPLICATION NUMBER: 60/224,360
PRIOR PLICATION NUMBER: 60/224,360
PRIOR PLING DATE: 2000-08-11
PRIOR PLING DATE: 2000-08-11
PRIOR PLING DATE: 2000-08-11
PRIOR PLING DATE: 2000-04-11
PRIOR PLING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 358
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13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 10; Conservative 0; Mismatches 0; Indels
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APPLICANT: Velculescu, Victor E. APPLICANT: Velculescu, Victor E. APPLICANT: Velculescu, Nictor B. TITLE OF INVENTION: Human Transcriptomes FILE REFERENCE: 001107.00319
CURRENT APPLICATION NUMBER: US/10/330,627
CURRENT PILING DATE: 2002-12-30
PRIOR APPLICATION NUMBER: US 09/448,480
PRIOR PLING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: RastSEQ for Windows Version 4.0
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Sequence 14, Application US/10115077
Sequence 14, Application US/10115077
Sequence 14, Application US/10115077
Sequence 17, December 18, December 18, December 19, December 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         934 CICCICITCA 943
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                                                                          -10-115-077-14
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                        | Patent No. US20010021722A|
| Patent No. US20010021722A|
| GENERAL INPORMATION:
| APPLICANT: UHLMANN, Anuschirwan
| APPLICANT: BITONII, Alan J.
| APPLICANT: BITONII, Alan J.
| APPLICANT: BOSSNER, Richard D.
| TITLE OF INVENTION: SERESSION
| FILE REFERENCE: 2608/208
| CURRENT FILING DATE: 1999-08-02
| CURRENT FILING DATE: 1999-08-07
| NUMBER OF SEQ ID NOS: 94
| SOFTWARE PATENTIN VON BERESSION
| SARLIER FILING DATE: 1998-08-07
| NUMBER OF SEQ ID NOS: 94
| SOFTWARE PATENTIN VON SECOND NOS: 94
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; Bedience 130, Application US/10461790
; Publication No. US20040029111A1
; GENERAL INFORMION:
; APPLICANT: Linnen, Jeffery M.
; APPLICANT: Dockter, Janel M.
; APPLICANT: Getman, Damon K.
; APPLICANT: Getman, Damon K.
; APPLICANT: Getman, Damon K.
; APPLICANT: Getman, Pacashi
; APPLICANT: Compositions and Methods for Detecting
; TITLE OF INVENTION: Heperities B Virus
; TITLE OF INVENTION: Heperities B Virus
; FILE REFERENCE: GP144-02.UT
; CURRENT APPLICATION NUMBER: US/10/461,790
; CURRENT APPLICATION NUMBER: 60/389,393
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 142
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13.7%; Score 10; DB 1; Length 14; 100.0%; Pred. No. 1.7e+02; tive 0; Mismatches 0; Indels
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; OTHER INFORMATION: 2'-OMe nucleotide analogs
US-10-461-790-130
Sequence 71, Application US/09365029
Patent No. US20010021772A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 10; Conservative
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Best Local Similarity 100.
Matches 10; Conservative
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Gaps OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Oligonucleotide OTHER INFORMATION: Description of Artificial Sequence: Synthetic ö Query Match 13.7%; Score 10; DB 1; Length 14; Best Local Similarity 100.0%; Pred. No. 1.7e+02; Matches 10; Conservative 0; Mismatches 0; Indels Sequence 59, Application US/10115077

| Publication No. US20030157497A1
| General Information No. US20030157497A1
| GENERAL INFORMATION:
| APPLICATION NO. US20030157497A1
| TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
| FILE REFERENCE: 07649.0001.05000
| CURRENT FILING DATE: 2003-04-28
| PRIOR PELICATION NUMBER: 08/925,676
| PRIOR PELING DATE: 1997-09-09
| PRIOR PLING DATE: 1997-09-09
| PRIOR PLING DATE: 1997-09-09
| PRIOR PLING DATE: 1994-04-19
| PRIOR PLING DATE: 1994-04-19
| PRIOR PLING DATE: 1994-04-19
| PRIOR PLING DATE: 1990-09-28

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TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA; ORGANISM: Human1
US-10-447-338-1
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US-10-203-351-9/C
| Sequence 9, Application US/10203351
| Publication No. US20030208787a1
| CENERAL INFORMATION:
| APPLICANT: Sundaresan, Venkatesan
| APPLICANT: Sarojam, Rajani
| TILE REPERBNCE: 2577-145
| CURRENT APPLICATION NUMBER: US/10/203,351
| CURRENT FILING DATE: 2002-08-09
| PRIOR FILING DATE: 2001-02-01
| PRIOR FILING DATE: 2000-02-11
| NUMBER OF SEQ ID NOS: 16
| SOFTWARE: Patentin Version 3.0
| SEQ ID NO 9
| LENGTH: 14
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                                                                                                                                                                                                                                                        Sequence 436, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION;
APPLICANT: RAYMOND, VINCENT
APPLICANT: MORISETTE, USAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 436
LIENGTH: 14
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                                                                                           0; Indels
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                                                     Query Match
13.7%; Score 10; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Putative GKLF/GKLF.01 motif
US-10-091-281-436
; OTHER INFORMATION: Oligonucleotide US-10-115-077-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-203-351-9
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Best Local Similarity 100.
Matches 10; Conservative
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Best Local Similarity
Matches 10; Conserv
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Publication No. US2004009521A1

SEQUENCE IN Application US/10447338

Publication No. US20040009521A1

GENERAL INFORMATION:

APPLICANT: Liu, Chan Sheng

APPLICANT: Gao, Fel

TITLE OF INVENTION: Methods of detecting DNA variation in seequence data FILE REPERENCE: P02-10

CURRENT APPLICATION NUMBER: US/10/447,338

CURRENT FILING DATE: 2003-05-29

NUMBER OF SEQ ID NOS: 3

SOFTWARE: Patentin version 3.2

SEQ ID NO 1

LENGTH: 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
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13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels
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US-10-115-077-13

$ Sequence 13, Application US/10115077

$ Fublication No. US20030157497A1

$ Fublication No. US20030157497A1

$ Fublication No. US20030157497A1

$ TITLE OF INVENTION: BUMIN

$ TITLE OF INVENTION: ADMALYZING FOLYNUCLEOTIDE SEQUENCES

FILE REFERENCE: 07649.0001-05000

$ CURRENT FILING DATE: 2003-04-28

$ PRIOR APPLICATION NUMBER: US/10/115,077

CURRENT FILING DATE: 1990-08-31

$ PRIOR APPLICATION NUMBER: 08/326,155

$ PRIOR PILING DATE: 1997-09-09

$ PRIOR PILING DATE: 1997-04-19

$ PRIOR PILING DATE: 1997-04-19

$ PRIOR PILING DATE: 1990-09-28

$ PRIOR PILING DATE: 1990-09-28

$ PRIOR APPLICATION NUMBER: 07/65,682

$ PRIOR PILING DATE: 1990-09-28

$ PRIOR PILING DATE: 1990-09-28

$ PRIOR PILING DATE: 1990-09-28

$ PRIOR PILING DATE: 1998-05-02

$ NUMBER OF SEQ ID NOS: 76

$ SOFTWARE PATENTIN VET: 2.1
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APPLICANT: PELTIE, PHILIPPE
APPLICANT: PELTIE, PHILIPPE
APPLICANT: PELTIE, PHILIPPE
APPLICANT: PENTECAVE, MARC
APPLICANT: DECOUT, JEAN-LUC
APPLICANT: DUEVES, CECILE
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
TITLE OF INVENTION: MARKER
FILE REFERENCE: 226286USOXPCT
CURRENT APPLICATION NUMBER: US/10/203,780
CURRENT APPLICATION NUMBER: US/10/203
PRIOR PLING DATE: 2002-11-25
PRIOR PLING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PALENTH OF VERSION 3.1
SEQ ID NO 5:
LENGTH: 15
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| Sequence 100, Application US/10400382
| Publication No. US20030190659A1
| GENERAL INFORMATION:
| APPLICANT: LaCasse, Eric
| APPLICANT: McManus, Daniel
| TITLE OF INVENTION: Uses Thereof

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    Ouery Match 13.7%; Score 10; DB 1; Length 15; Best Local Similarity 100.0%; Pred. No. 1.8e+02; Matches 10; Conservative 0; Mismatches 0; Indels
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CTHER INFORMATION: c is methylated US-10-203-780-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 5, Application US/10203780
Publication No. US20030165914A1
GENERAL INFORMATION:
APPLICANT: CUZIN, MARC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
PEATURE:
OTHER INFORMATION: SYNTHETIC DNA
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Best Local Similarity 100.
Matches 10; Conservative
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US-10-400-382-100/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                             GENERAL INFORMATION:
APPLICANT SOUTHERN, EDWIN
TITLE OF INVENTION: ANALYZING POLYNUCLECTIDE SEQUENCES
FILE REFERENCE: 07649,0001-05000
CURRENT APPLICATION NUMBER: US/10/115,077
CURRENT FILING DATE: 1999-08-31
PRIOR PLILING DATE: 1999-08-31
PRIOR PLILING DATE: 1997-08-09
PRIOR PLILING DATE: 1997-08-09
PRIOR PLILING DATE: 1997-08-09
PRIOR FILING DATE: 1997-08-09
PRIOR FILING DATE: 1997-08-09
PRIOR PLILING DATE: 1997-08-03
PRIOR FILING DATE: 1990-09-08
PRIOR PLILING DATE: 1990-09-28
PRIOR PLILING DATE: 1990-09-28
PRIOR FILING DATE: 1980-09-28
PRIOR FILING DATE: 1980-05-02
PRIOR FILING DATE: 1980-05-05
PRIOR FILING DATE: 1989-05-05
PRIOR FILING DATE: 1980-05-05
PRIOR FILING DATE: 1989-05-05
PRIOR FILING DATE: 1980-05-05
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US-10-115-077-58

Sequence 58, Application US/10115077
Publication No. US20030157497A1
GENERAL INFORMATION:
APPLICANT SOUTHERN EDMIN
TITLE OF INVERTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
FILE REFERENCE: 07649.0001-05000
CURRENT PILING DATE: 1097-04-28
PRIOR FILING DATE: 1999-08-31
PRIOR PELICATION NUMBER: 08/286,155
PRIOR APPLICATION NUMBER: 08/286,676
PRIOR FILING DATE: 1997-09-09
PRIOR FILING DATE: 1997-09-09
PRIOR FILING DATE: 1997-09-09
PRIOR FILING DATE: 1994-04-19
PRIOR FILING DATE: 1991-05-03
PRIOR FILING DATE: 1990-09-28
PRIOR FILING DATE: 1990-05-02
PRIOR FILING DATE: 1990-05-03
PRIOR FILING DATE: 1990-05-02
Sequence 50, Application US/10115077 Publication No. US20030157497A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 10; Conservative
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186

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APPLICANT: ALDOSPING FIGHT AND APPLICANT: ALGORITHM APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jun
FILE REFERENCE: MBHB00-645-H (400/029)
CURRENT APPLICATION NUMBER: US/09/877,478
FILE REFERENCE: MSHBER: US 07/882,712
PRIOR PAPLICATION NUMBER: US 09/531,025
PRIOR PLING DATE: 2000-03-20
PRIOR FILING DATE: 2000-03-20
PRIOR PLING DATE: 2000-08-09
PRIOR FILING DATE: 2000-10-24
PRIOR PLING DATE: 1994-02-07
PRIOR PLING DATE: US 08/433,993
PRIOR PLING DATE: US 08/434,504
PRIOR PLING DATE: 1995-05-04
PRIOR PLING DATE: 1995-05-04
PRIOR PLING DATE: 1995-05-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .; LOCATION: (1513440)...(1513454)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1240
US-10-255-120-817
                                                 | LOCATION: (213818)...(213832)
| OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = US-10-255-120-119
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Publication No. US20040091865A1
GENERAL INFORMATION:
APPLICANT: Feldmann. Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION UMBER: US/10/255,120
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 903
SOFTWARE: Proprietary
SEQ ID NO 817
LENGTH: 15
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                                                                                                                                                            13.7%; Score 10; DB 1; Length 15; 100.0%; Pred. No. 1.8e+02; Ative. 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Helicobacter pylori, strain J99 complete genome.
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ORGANISM: Helicobacter pylori, strain J99 complete genome
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Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 10; Conservative 0; Mismatches 0;
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USUDIcation No. US20030068301A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
                                                                                                                                                               Query Match 13.7
Best Local Similarity 100.
Matches 10; Conservative
                                                                                                                                                                                                                                                                           907 ATTITCTITG 916
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: McSwiggen, Jim

ITILE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Rever
ITILE OF INVENTION: Immune Responses
ITILE OF INVENTION: Immune Responses
ITILE OF INVENTION: Immune Responses
ITILE OF INVENTION NUMBER: US/10/440,850
CURRENT APPLICATION NUMBER: US/09/650,012
PRIOR PILING DATE: 1096-01-12
PRIOR PILING DATE: 1996-01-12
PRIOR FILING DATE: 1996-01-12
PRIOR FILING DATE: 1996-01-12
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SSOFTHARE: PATENTIN VERSION 3.0
SSOFTHARE: PATENTIN VERSION 3.0
SSOFTHARE: PATENTIN VERSION 3.0
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Sequence 119, Application US/10255120
Publication No. US20040091865A1
GENERAL INFORMATION:
APPLICANT: Feldman, Richard J.; Global Determinants, Inc.
APPLICANT: Feldman, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
TITLE DETERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/255,120
NUMBER OF SEQ ID NOS: 903
SOFTWARE: Proprietary
SEQ ID NO: 903
ILENGTH: 15
TYPE: DNA
FEATURE:

OTHER INFORMATION: based on Homo sapiens.

OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide, OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-440-850-927

Sequence 927, Application US/10440850

Publication No. US20030207837A1

GENERAL INFORMATION:
                                                                                                     FEATURE:
NAME/KEY: misc feature
LOCATION: 1, 3, 4, 5, 13
OTHER INFORMATION: n = T or U
US-10-400-382-100
                                                                                                                                                                                                                                                                                                                                                                                      912 CTTTGGTCTTTGCC 925
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Best Local Similarity 50.0.
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US-10-440-850-927
                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 10; Conserv
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US-10-255-120-119/c
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Gaps
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Publication No. USZ0030165830A1

GENERAL INFORMATION:

APPLICANT: Cronin, Maureen T.

APPLICANT: Cronin, Maureen T.

APPLICANT: Cronin, Maureen T.

APPLICANT: Cronin, Marken T.

APPLICANT: Charles G.

APPLICANT: Charles G.

APPLICANT: Pang, Xiachua C.

APPLICANT: Lipshutz, Robert J.

APPLICANT: Lipshutz, Robert J.

APPLICANT: Lipshutz, MacDenald S.

APPLICANT: Lipshutz, MacDenald S.

APPLICANT: Lipshutz, MacDenald S.

APPLICANT: Lipshutz, MacDenald S.

APPLICANT: Baldan, Eter E.

APPLICANT: Lipshutz, MacDenald S.

APPLICANT: Worling and E.

FILE REFERENCE: US647-0103

PRIOR FILING DATE: 1994-10-26

PRIOR FILING DATE: 1994-10-26

PRIOR FILING DATE: 1994-08-02

PRIOR PRIOR PRIOR DATE: 1994-08-02
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US-09-798-260-87
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                                                                                                                                                                                                                                           Length 13
                                                                                                                                                                                                                                        Query Match 13.4%; Score 9.8; DB 1; Length 13
Best Local Similarity 84.6%; Pred. No. 1.7e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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Pred. No. 1.7e+02;
0; Mismatches 2.
LENGTH: 13 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-09-510-378-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6128, Application US/10342902; Publication No. US20040054156A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 84.6%;
Matches 11; Conservative
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US-09-510-378-29
; Sequence 29, Application US/09510378
; Publication No. USO030165823A1
; Publication No. Conin, Maureen T.
Miyada, Charles Garrett
Hubbell, Earl A.
Che, Mark
Fodor, Stephen P.A.
Huang, Xiaohua C.
Lipshiutz, Robert J.
Lobban, Peter E.
Morifs, Macdonald S.
Sheldon, Edward L.
Sheldon, Edward L.
Detecting Cystic Fibrosis
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COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

PLICATION NUMBER: US/09/510,378

FILING DATE: Z2-Feb-2000

CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                  Score 9.8; DB 1; Length 13;
Pred. No. 1.7e+02;
6; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew STRET: Two Embarcadero Center, 8th Floor CITE: Br Francisco STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE, DOCKET NUMBER: 018547-004130US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION NUMBER: 08/544,381

APPLICATION NUMBER: 08/544,381

FILING DATE: CURROWN:
APPLICATION NUMBER: WS 08/510,521

FILING DATE: 02-AUG-1995
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-CCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 26-CCT-1994
APPLICATION NUMBER: US 08/143,312
ATTORNEY/AGENT: INFORMATION:
         PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6586
SCFTWARE: Patentin version 3.0
SEQ ID NO 6128
LENGTH: 13
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INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                     Query Match 13.4%;
Best Local Similarity 38.5%;
Matches 5; Conservative
                                                                                                                                                                                    TYPE: RNA
CRGANISM: Hepatitis B virus
US-09-877-478-6128
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APPLICANT: Pamela, Pavco
APPLICANT: Partice, Lee
APPLICANT: Rentich, Draper
APPLICANT: Elisabeth, Roberts
APPLICANT: ELISABETH OF HERDITIS B VIRUS AND HERPATITIS OF INVENTION: VIRUS REPLICATION
FILE REFERENCE: 400/042US (MBHB02-249-E)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Lopez, Martin J.
APPLICANT: Ertita, Ramon
APPLICANT: Ertita, Ramon
APPLICANT: Muncer, Martin
TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
File Reference: 030570
CURRENT APPLICATION NUMBER: US/10/700,118
CURRENT FILING DAIE: 2003-11-03
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SOFTWARE: PatentIn version 3.0
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CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT FILTING DATE: 2003-09-23
PRIOR PELLING DATE: 2002-03-26
PRIOR PELLING DATE: 2002-03-26
PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR PELLING DATE: 2001-06-08
PRIOR PELLING DATE: 2001-10-24
PRIOR PELLING DATE: 2001-10-26
PRIOR APPLICATION NUMBER: US 60/35,059
PRIOR APPLICATION NUMBER: US 60/35,124
PRIOR PELLING DATE: 2001-10-20
PRIOR APPLICATION NUMBER: US 60/36,580
PRIOR PELLING DATE: 2002-02-05
PRIOR PELLING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR PELLING DATE: 2001-03-26
PRIOR APPLICATION NUMBER: US 69/740,332
PRIOR PELLING DATE: 2000-02-18
PRIOR PELLING DATE: 2000-02-18
PRIOR PELLING DATE: 2000-02-18
PRIOR PELLING DATE: 2000-01-18
                                                                                                                                                                                                                                                                                                 Sequence 2331, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
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Publication No. US20040137431A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sirna Therapeutics, Inc. APPLICANT: Lawrence, Blatt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ORGANISM: Hepatitis B Virus US-10-669-841-2531
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            James, McSwiggen
David, Morrissey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              917 GICTITGCCTTTT 929
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1 GUCUGUGCCUUCU 13
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Best Local Similarity 38.5
Matches 5; Conservative
13 TGTTCTTTGTTCT
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                          APPLICANT: SITUA TREADELLALY
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Mcs. Animor. Jim
APPLICANT: Mcs. Animor. An
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ## Sequence 38, Application US/10113877

## Sequence 38, Application US/10113877

## Publication No. US2002017218A1

## September 1 NFORMATION:

## APPLICANT: Fang, Yu

## APPLICANT: Mang, Xiao-Yang

## APPLICANTON: Methods of detecting multiple DNA

## TITLE OF INVENTION: Dinding protein and DNA interactions in a sample, and

## TITLE OF INVENTION: Datries 2002-03-29

## CURRENT APPLICATION NUMBER: 60/280,658

## PRIOR APPLICATION NUMBER: 60/314,330

## PRIOR FILING DATE: 2001-03-30

## PRIOR F
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               Sirna Therapeutics, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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13.4%;
Best Local Similarity 38.5%;
Matches 5; Conservative
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Best Local Similarity
Matches 11; Conserva
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Sequence 179, Application US/10376770

Publication No. US200401061021

GENERAL INFORMATION:

APPLICANTON: EARTD ANDLYSIS OF VARIATIONS IN A GENOME FILE REFERENCE: 54312000320

CURRENT FILING DATE: 2003-02-28

PRICR PELICATION NUMBER: US 10/093,618

PRICR APPLICATION NUMBER: US 60/360,232

PRICR APPLICATION NUMBER: US 60/360,232

PRICR FILING DATE: 2002-03-11

PRICR FILING DATE: 2002-03-11

PRICR FILING DATE: 2002-05-08

NUMBER OF SEQ ID NOS: 262

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 14

LENGTH: 14

CRANISM: Ham Seatism
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                                                                                13.4%; Score 9.8; DB 1; Length 14; 84.6%; Pred. No. 1.8e+02; Live 0; Mismatches 2; Indels
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13.4%; Score 9.8; DB 1; Length 14
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; LOCATION: 4
; OTHER INFORMATION: This nucleotide may be absent
US-10-376-770-179
                                                                                                                                                                                             928 TIATCCCTCCTCT 940
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Best Local Similarity 84.6
Matches 11; Conservative
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US-10-661-165-179/c
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     ; ANTI-SENSE:
US-10-146-058-29
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Sequence 29, Application US/10146058

Sequence 29, Application US/10146058

Publication No. US20030040499A1

GENERAL INFORMATION:
APPLICANT: Schlingensiepen, Georg-Ferdinand
APPLICANT: Schlingensiepen, Raimar
APPLICANT: Schlingensiepen, Raimar
APPLICANT: Schlingensiepen, Raimar
APPLICANT: Schlingensiepen, Reimar
APPLICANT: Application of Information of TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET 400 Seventh St. N.W.
COUNTY: Washington D.C
                                                                                                                                                                                                                                                                                                                                                                                        ö
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Pred. No. 1.7e+02;
0; Mismatches 2; Indels
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ZIP: 2004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TEMP PC compatible
COMPUTER: TEMP PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/146,058
FILING DATE:
CLASSIFICATION:
APPLICATION NUMBER: 08/535,249
FILING DATE:
FILING DATE:
FILING DATE:
FILING DATE:
FILING DATE:
FRICK APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR.1993
FRICK APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-ARX-1993
FRICK APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-ARX-1993
FRICK APPLICATION NUMBER: 13-ARX-1993
FILING DATE: 13-ARX-1993
FRICK APPLICATION NUMBER: 13-ARX-1993
FILING DATE: 13-ARX-1993
FILING DATE: 13-ARX-1993
FRICK APPLICATION NUMBER: 10-77/P58418
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NUMBER: 10-77/F58418
PRIOR APPLICATION NUMBER: US 60/423508
PRIOR FILING DATE: 2002-11-04
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.2
SEQ ID NO 11
LENGTH: 13
                                                                                                                                                                                                                                              ) OTHER INFORMATION: Hairpin Component US-10-700-118-11
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TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 84.6%;
Matches 11; Conservative
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Man
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Levels of NP-Kappa B
FILE REPERENCE: 400/022 (KBHB00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
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Publication No. US2003068301A1
Publication No. US2003068301A1
Publication No. US2003068301A1
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Brate, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPL
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic polynucleotide US-09-916-808A-15
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CURRENT TILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR PLING DATE: 2000-03-20
PRIOR PLING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 60/226212
PRIOR FILING DATE: 2000-08-18
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3758, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 84.6%;
Matches 11; Conservative
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Best Local Similarity 84.6
Matches 11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-877-478-6030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 3758
LENGTH: 15
                                                                                                                                                                                                                                                                                     FEATURE:
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sequence 10, Application US/09916808A
patent No. US20020090621A1
debush_Limpokamatron:
APPLICANT: Gibbs, Adrian John
TITLE OF INVENTION: Combinatorial probes and uses therefor
FILE REFERENCE: 10338-201
CURRENT APPLICATION NUMBER: US/09/916,808A
CURRENT FILING DATE: 2001-07-27
PRIOR FILING DATE: 2000-07-27
PRIOR FILING DATE: 2000-08-17
PRIOR FILING DATE: 2000-08-17
PRIOR FILING DATE: 2000-08-17
SOFFWARE: PRIOR FILING DATE: 2000-08-17
SOFFWARE: Patentin version 3.1
SEQ ID NO 10
LENGTH: 15
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PAPLICANT: Gibbs, Mark John

APPLICANT: Gibbs, Mark John

APPLICANT: Gibbs, Mark John

APPLICANT: Gibbs, Marian John

TITLE OF INVENTION: Combinatorial probes and uses therefor

FILE REFERENCE: 10338-201

CURRENT FILING DATE: 2001-07-27

PRIOR APPLICATION NUMBER: W4 PQ9026/00

PRIOR APPLICATION NUMBER: AU PQ9026/00

PRIOR PILING DATE: 2000-07-27

PRIOR PILING DATE: 2000-07-27

PRIOR PILING DATE: 2000-07-27

PRIOR FILING DATE: 2000-08-17
                                                                                                                                                                                                                                                                                                                                                                                               Length 14;
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ilarity 84.6%; Pred. No. 1.9e+02;
Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                           Query Match 13.4%; Score 9.8; DB 1; Best Local Similarity 84.6%; Pred. No. 1.8e+02; Matches 11; Conservative 0; Mismatches 2
                                                                                                                                                                                                                NAME/KEY: misc_feature

LOCATION: 4

OTHER INFORMATION: This nucleotide may be absent

US-10-661-165-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; FEATURE:
; OTHER INFORMATION: Synthetic polynucleotide
US-09-916-808A-10
          SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 179 LENGTH: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  902 TGGTCATTTTCTT 914
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        922 TGCCTTTTATCCC 934
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14 TAGTCATCTTCTT 2
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                                                                                                                                                     ORGANISM: Homo sapiens
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Best Local Similarity
Matches 11; Conserv
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US-09-916-808A-10/c
                                                                                                                 TYPE: DNA
                                                                                                                                                                                      FEATURE:
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Sequence 2245, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Nibozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Jarvis, Thale
APPLICANT: Hamblin, Paul
APPLICANT: MANNERNION: (GRID) Gene
TITLE OF INVENTION: (GRID) Gene
TITLE OF INVENTION: (A)9/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE Patentin version 3.0
SEQ ID NO 245
LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Chee, Mark
Fodor, Stephen P.A.
Huang, Xiaohua C.
Lipshutz, Robert J.
Lioban, Peter E.
Morris, Macdonald S.
Sheldon, Edward L.
TITLE OF INVENTION: Arrays of Defecting Cystic Fibrosis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13.4%; Score 9.8; DB 1; Length 15; 46.2%; Pred. No. 1.9e+02; tive 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 335
US-09-510-378-114/c
US-09-510-378-114, Application US/09510378
; Sequence 114, Application US/09510378
; Publication No. US20030165823A1
; GENERAL INFORMATION:
; APPLICANT: Cronin, Maureen T.
Hubbell, Earl A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             930 ATCCCTCCTCTTC 942
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1 AUCUCUUCUCUUC 13
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Best Local Similarity 46.2
Matches 6; Conservative
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CORGANISM: Homo sapiens
US-09-792-818-2245
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BCIITTEGA-TIIDD
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US-09-877-478-6092

US-09-877-478-6092

Sequence 6092, Application US/0987478

Publication No. US200068301A1

SERRAL INPORMATION:
APPLICANT: Brack of Market Larry
APPLICANT: Brack of Market Larry
APPLICANT: Brack of Market Larry
APPLICANT: Workiggen, Jim
APPLICANT: Maskiggen, Jim
APPLICANT: Maskiggen, Jim
APPLICANT: Maskiggen, Jim
APPLICANT: Maskiggen, Jim
APPLICANT: Moriseev, Dave
TILE REPREMCE: Malmoo-445-H (400,029)
CURRENT APPLICATION NUMBER: US/09/877,478
CURRENT FILING DATE: 2001-12-31
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR APPLICATION NUMBER: US 09/536,385
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: US 08/433,993
PRIOR PILING DATE: US 08/434,504
PRIOR PILING DATE: US 08/434,504
PRIOR PILING DATE: US 08/434,504
PRIOR PILING DATE: 1995-05-04
PRIOR PILING DATE: US 08/436,430
PRIOR PILING DATE: US 08
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Pred. No. 1.9e+02;
6; Mismatches 2; Indels
                                                                                                                                                PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 1994-02-07
PRIOR PAPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR PILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
NUMBER OF SEQ ID NOS: 6586
SOFTWARE: PALCHIN VOMBER: US 09/436,430
SEQ ID NO 6030
MOII OCC 10 14:#0:10 4004
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Best Local Similarity 38.5%;
Matches 5; Conservative
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; ORGANISM: Hepatitis B virus
US-09-877-478-6092
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6030
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ZIP: 9411 COMPUTER READABLE FORM: MEDIUM TYPE: FLORDY disk COMPUTER: IBM PC COMPATIBLE COMPUTER: IBM PC COMPATIBLE SOFTWARE: PATENTIN Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/510,378 FILING DATE: 22-Feb-2000 CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/544,381
APPLICATION NUMBER: 08/544,381
APPLICATION NUMBER: US 08/510,521

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Gaps

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13.4%; Score 9.8; DB 1; Length 15; ilarity 38.5%; Pred. No. 1.9e+02; Conservative 6; Mismatches 2; Indels

Query Match Best Local Similarity Matches 5; Conserva

917 GTCTTTGCCTTTT 929

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Pred. No. 1.9e+02;
6; Mismatches 2; Indels
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Publication No. US20020164610A1
GENERAL INFORMATION:
APPLICANT: Leggett, Carol G
APPLICANT: Whitehouse, Ellyn
APPLICANT: Whitehouse, Ellyn
APPLICANT: Reves, Robert H
TITLE OF INVENTION: WETHOD FOR TYPING A CELL
FILE REFERENCE: 3303-3DIV
CURRENT FILING DATE: 2001-11-01
NUMBER OF SEQ ID NOS: 23
SOFTWARENT FILING DATE: 201-11-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-001-048-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 38.5%;
Matches 5; Conservative 6
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    929 TATCCCTCCTTT 941
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                             3 UAUGCCUCAUCUU 15
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APPLICANT: Bistra Therapeutics, Inc.
APPLICANT: Bistra Therapeutics, Inc.
APPLICANT: Bistra Therapeutics, Inc.
APPLICANT: Bistra Therapeutics, Jun
APPLICANT: Bistra Thind Therapeutics, Jun
APPLICANT: McSwiggen, Jun
APPLICANT: Mornissey, Dave
CURRENT PLING DATE: 2003-01-15
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICANTION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-010-24
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1994-02-07
PRIOR FILING DATE: 1995-05-14
PRIOR FILING DATE: 1995-11-08
NUMBER OF SEQ ID NOS: 6592
SEQ ID NO 6030
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                                                                                                                                                                       NAME: Liebeschuetz, Joe
REGISTRATION VUMBER: 37,505
REPERENCE/DOCKET NUMBER: 018547-004130US
TELEPOMMUNICATION INFORMATION:
TELEPAX: 415-576-0200
INFORMATION FOR SEQ ID NO: 114:
FILING DATE: 02-AUG-1995
APPLICATION NUMBER: PCT/US94/12305
FILING DATE: 26-OCT-1994
APPLICATION NUMBER: US 08/284,064
FILING DATE: 02-AUG-1994
APPLICATION NUMBER: US 08/143,312
FILING DATE: 26-OCT-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: DNA (oligomucleotide); SEQUENCE DESCRIPTION: SEQ ID NO: 114:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-342-902-6030
Sequence 6030, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        938 TCTTCATTGGTTT 950
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; ORGANISM: Hepatitis B virus
US-10-342-902-6030
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APPLICANT: Genaissance Pharmaceuticals
APPLICANT: Genaissance Pharmaceuticals
APPLICANT: Genaissance Pharmaceuticals
APPLICANT: Denton, R. Rex
APPLICANT: Duda, Amy
APPLICANT: Brephens, J. Claiborne
APPLICANT: Stephens, J. Claiborne
APPLICANT: Windmuth, Andreas
TITLE OF INVENTION: 4 Receptor Alpha Gene
TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: 4 Receptor Alpha Gene
TITLE OF INVENTION: 4 Receptor Alpha Gene
CURRENT APPLICATION NUMBER: US/10/010,802
CURRENT APPLICATION NUMBER: PCI/US00/19094
PRIOR APPLICATION NUMBER: PCI/US00/19094
PRIOR FILING DATE: 2000-07-13
SEQ ID NOS: 413
SEQ ID NO 26
LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                            Gaps
                                                                                                                                                                                                          Sequence 4, Application US/10001344
; Sequence 4, Application US/10001344
; Publication No. US20020090633A1
; GENERAL INFORMATION:
; APPLICANT: SCHROTH, Gary P.
; TITLE OF INVENTION: MOLECULAR TORCHES
; FILE REFERENCE: GP098-0.2 US/10/001,344
; CURRENT FELICATION NUMBER: US/10/001,344
; CURRENT FILING DATE: 2001-10-31
; PRIOR PELICATION NUMBER: EARLIER PELICATION NUMBER: 09/346,551
; PRIOR FILING DATE: BARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PATENTIN Ver. 2.0
; SEQ ID NO ; SEQ ID NOS: 9
ILENGTH: 15
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Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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                         Indels
Pred. No. 1.9e+02;
0; Mismatches 2;
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US-10-010-802-26/c
; Sequence 26, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
Best Local Similarity 84.6%;
Matches 11; Conservative
                                                                           904 GICATITITIE 916
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; ORGANISM: Homo sapiens
US-10-010-802-26
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US-10-001-344-4
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) OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = US-10-287-919-103
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OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber =
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US-10-287-919-524

Sequence 524, Application US/10287919

Publication No. US20030085830A1

GENERAL INFORMATION:

TITLE OF INVENTION:

FILE REPERRING: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/287,919

CURRENT APPLICATION NUMBER: US/10/287,919

NUMBER OF SEQ ID NOS: 2706

SOFTWARE: Proprietary

LENGTH: 15
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RESULT 341
US-10-287-919-103/C
10-287-919-103/C

### Sequence 103, Application US/10287919

### Publication No. US20030085830A1

### GENERAL INFORMATION:
### APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
### TITLE OF INVENTION: Methanococcus jannaschii complete genome.
### TITLE OF INVENTION: MOMBER: US/10/287,919

### CURRENT APPLICATION NUMBER: US/10/287,919

### CURRENT FILING DATE: 2002-11-05

### NUMBER OF SEQ ID NOS: 2706

### SOFTWARE: Proprietary

### SEQ ID NO 103

### LENGTH: 15
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Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
11TLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13.4%; Score 9.8; DB 1; Length 15;
84.6%; Pred. No. 1.9e+02;
tive 0; Mismatches 2; Indels
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Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA-ORGANISM: Methanococcus jannaschii complete genome.
PEATURE:
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ORGANISM: Methanococcus jannaschii complete genome.
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Best Local Similarity 84.6
Matches 11; Conservative
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US-10-287-919-2202

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Best Local Similarity Matches 11; Conser

Query Match

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OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: nuclectide base recognition sequence substantially OTHER INFORMATION: complementary to SEQ ID No. US20030165957A1. 1 and 3 US-10-352-331-4
             Sequence 4, Application US/10352331

Sequence 4, Application US/10352331

Publication No. US20030165957A1

SCHERAL INFORMATION:
APPLICANT: BECKER, Michael M.
APPLICANT: SCHROTH, Gary P.
TITLE OF INVENTION: MOLECULAR TORCHES
FILE REFERENCE: GP098-02. UT
CURRENT APPLICATION NUMBER: US/10/352,331

CURRENT APPLICATION NUMBER: US/09/346,551B

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/346,551B

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/346,551B

PRIOR FILING DATE: BARLIER FILING DATE: 1998-07-02

NUMBER OF SEQ ID NOS: 9

SOFTWARE: PatentIn Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
US-10-352-331-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 4
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; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = US-10-287-919-2643
                                                                                                                                                                                                         US-10-287-919-2643
Sequence 2643. Application US/10287919
Publication No. US2003008593041
Publication No. US2003008593041
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Methanococcus januaschii complete genome.
FILE REPERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTHARE: Proprietary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Methanococcus jannaschii complete genome.
                          906 CATTITITIGGE 918
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LENGTH: 15
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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APPLICANT: SCHROTH, Gary P.
TITLE OF INVENTION MOLECULAR TORCHES
FILE REPERENCE: GOOS-01-07
CURRENT APPLICATION NUMBER: US/10/352,355
CURRENT PILING DATE: 2003-01-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/091,616
PRIOR PILING DATE: BARLIER FILING DATE: 1998-07-02
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PATENTIN VEY: 2.0
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                   Length 15,
                Score 9.8; DB 1;
Pred. No. 1.9e+02;
0; Mismatches 2;
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                13.4%;
84.6%;
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Query Match
Best Local Similarity 84.68
Marches 11; Conservative
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Matches 11; Conservative
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US-10-352-355-4
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                                                                                                                                                                                                                                              i LOCATION: (1295648)...(1295662)
i OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2741
US-10-287-919-2149
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OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2816
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Publication No. US20030085830A1
GENERAL INFORMATION:
APPLICANT: Feldman, Richard J.; Global Determinants, Inc.;
TITLE OF INVENTION: Methanococcus jannaschii complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION UNDER: US/10/287,919
CURRENT FILING DATON UNDER: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFUMARE: Proprietary
SEQ ID NO 2202
LENGTH: 15
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13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                               ORGANISM: Methanococcus jannaschii complete genome
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        CURRENT APPLICATION NUMBER: US/10/287,919
CURRENT FILING DATE: 2002-11-05
NUMBER OF SEQ ID NOS: 2706
SOFTWARE: Proprietary
SEQ ID NO 2149
LENGTH: 15
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TYPE: DNA FEATURE:

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US-10-440-850-757
US-10-440-850-757
US-10-440-850-757
US-10-440-850-757
Publication No. US20030207837A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Machod and Reagent for the Induction of Graft Tolerance and Rever
TITLE OF INVENTION: Immune Responses
TITLE OF INVENTION: Immune Responses
FILE REFERENCE: 2001.30 (MBHBB00-900-A)
CURRENT APPLICATION UNMBER: US/10/440,850
CURRENT FILING DAIE: 2003-05-19
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Pred. No. 1.9e+02;
0; Mismatches 2.
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Pred. No. 1.9e+02;
                                                                                                                                                                                                                            0; Mismatches
            PRIOR APPLICATION NUMBER: PCT/US01/02485
PRIOR FILING DATE: 2001-01-25
NUMBER OF SEQ.ID NOS: 116
SEQ ID NO 39
LENGTH: 15
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Publication No. US20030207837A1
 2002-07-16
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84.6%;
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Best Local Similarity 84.6%;
Matches 11; Conservative
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Best Local Similarity 84.6
Matches 11; Conservative
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; ORGANISM: Mus musculus
US-10-440-850-746
                                                                                                                      TYPE: DNA
CORGANISM: Homo sapiens
US-10-197-019-39
 CURRENT FILING DATE:
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Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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US-10-197-019-39/C
; Sequence 39, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 9.8; DB 1;
Pred. No. 1.9e+02;
0; Mismatches 2.
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APPLICANT: Thompson, Lisa C.
APPLICANT: Ved'rk, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-0666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT APPLICATION NUMBER: US/00/084,839
CURRENT FILING DATE: 2002-02-026
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: Patentin version 3.1
SEQ ID NO 3764
TYPP: TEST
                                                                                                                                   RESULT 348
US-10-084-839-3764/C
| Sequence 3764, Application US/10084839
| Publication No. US2003186238A1
| GENERAL INFORMATION:
| APPLICANT: Third Wave Technologies APPLICANT: Argue, Brad T.
| APPLICANT: Bartholomay, Christian T.
| APPLICANT: Chehak, LuAnne
| APPLICANT: Hall, Jeff G.
                                                                                                                                                                                                                                                                                                                                                                    Ip, Hon S.
Ji, Lin
Kaiser, Michael
Kwiatkowski, Jr., Robert W.
Lukowiak, Andrew A.
Lymaichev, Victor
Lymaicheva, Natalie E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Neri, Bruce P.
Olson, Sarah M.
Olson-Whnoz, Marilyn C.
Schaefer, James J.
Skrzypczynski, Zbigniew
Takova, Tsetska Y.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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ilarity 84.6%;
Conservative
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                                                     908 TITICITIGGICT 920
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Best Local Similarity
Matches 11; Conservat
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APPLICANT:
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TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
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CURRENT APPLICATION NUMBER: US/10/287,226
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR PILING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR APPLICATION NUMBER: 60/360,148
       FILE REFERENCE: MBHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: Patentin version 3.0
SEQ ID NO 4147
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Rieger, Daniel K.,
Rothenberg, Mark B.,
Shenoy, Suresh G.,
Spaderna, Steven K.,
Spytek, Kimberley A.,
Taupier, Jr., Raymond J.,
Vernet, Corine A.M.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 558, Application US/10287226 Publication No. US20040086875A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Agee, Michele L.,
APPLICANT: Alsobrook, John P.,
APPLICANT: Berghs, Constance,
APPLICANT: Boldog, Ference,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: Divipo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eisen, Andrew,
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Khramtsov, Nikolai,
Li, Li,
Malyankar, Uriel M.,
MacDougall, John R.,
Mezes, Peter S.
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Millet, Isabelle,
Ooi, Chean Eng,
Ort, Tatiana,
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Gangolli, Esha A.,
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Gerlach, Valerie,
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Best Local Similarity 46.23
Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-10-138-674-4147
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Publication No. US20040077565A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Rockwiggen, Jam
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Stinchcomb, Dan
APPLICANT: Scobedo, Jaime, APPLICANT: Scobedo, Jaime, APPLICANT: Scobedo, Jaime, APPLICANT: Bacobedo, Jaime, TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Refirs Interest Invention: Levels of Vascular Endothelial Growth Factor Receptor
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APPLICANT: MAGINA, Taeko
APPLICANT: KAGINA, Taeko
APPLICANT: ICHIHARA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: MASHUMA, Yoshiyuki
APPLICANT: MSHIDA, Michio
TILE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
TILE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 1114/DPL174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: PATENTIN Ver. 2.1
LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                Score 9.8; DB 1; Length 15; Pred. No. 1.9e+02; 5; Mismatches 2; Indels
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PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR PILING DATE: 1996-07-07
PRIOR FILING DATE: 1998-03-11
NUMBER: PROR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
SOFWARE: PATENTIN VETSION 3.0
SEQ. ID NO 757
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 24, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                   ; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-757
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US-10-297-068-24/c
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NUMBER OF SEQ ID NOS: 903
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Best Local Similarity
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US-10-255-120-173/c
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| OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = US-10-255-120-37
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Sequence 37, Application US/10255120

Sequence 37, Application US/10255120

Publication No. US20040091865A1

GENERAL INFORMATION:

APPLICANT: Feldmanion, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.

FILE REPERENCE: Jim Regeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/255,120

CURRENT FILING DATE: 2002-11-19

NUMBER OF SEQ ID NOS: 903

SOFTWARE: Proprietary

SEQ ID NO 37

LENGTH: 15
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; Publication No. US20040091865A1
; GENERAL INFORMATION: Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.; FILE REPRENTE: Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/255,120
; CURRENT FILING DATE: 2002-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artifical Sequence: Primer/Probe US-10-287-226-558
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13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR PLING DATE: 2002-08-20
PRIOR PELING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2002-02-04
PRIOR PELING DATE: 2002-03-03
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2002-03-13
PRIOR PILING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-28
PRIOR FILING DATE: 2001-11-20
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LENGTH: 15
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Publication No. US20040091865A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/255,120
CURRENT FILING DATE: 2012-11-19
NUMBER OF SEQ ID NOS: 903
SOGTWARE: Proprietary
SEQ ID NO 173
LENGTH: 15
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Publication No. US20040091865A1
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.
FILE REPRENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APLICATION NUMBER: US/10/255,120
CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 903
SOFTWARE: Proprietary
SEQ ID NO 398
LENGTH: 15
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SOFTWARE: Proprietary
SEQ 1D NO 116
LENGTH: 15
TYPE: DNA
ORGANISM: Helicobacter pylori, strain J99 complete genome.
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
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84.6%; Pred. No. 1.9e+02;
tive 0; Mismatches 2; Indels
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ORGANISM: Helicobacter pylori, strain J99 complete genome.
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Pred. No. 1.9e+02;
0; Mismatches 2; Indels
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; OTHER INFORMATION: Chromosome = 1 Strand = positive
US-10-255-120-398
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Pred. No. 1.9e+02;
                                                                                                                                   ; LOCATION: (206713) ... (206728)
; OTHER INFORMATION: Chromosome = 1
US-10-255-120-116
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Best Local Similarity 84.6%;
Matches 11; Conservative
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84.6%;
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Best Local Similarity 84.6
Matches 11; Conservative
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APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Reliabeth, Roberts
APPLICANT: Reliabeth, Roberts
TITLE OF INVENTION: O'LIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITIE OF INVENTION: O'LIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS REPLICATION OF SEPENCE: 400/04203 (Maintenance: 400/04203 (Maintenance
                APPLICANT: MCSWiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Method and Reagent for the Treatment Factor Receptor
TITLE OF INVENTION: Method and Reagent for the Treatment Factor Receptor
TITLE OF INVENTION: Method and Reagent for the Treatment Exceptor
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 417
LENTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 9.8; DB 1;
Pred. No. 1.9e+02;
5; Mismatches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2433, Application US/10669841 Publication No. US20040127446A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sirna Therapeutics, Inc.
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David, Morrissey
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Patrice, Lee
Kenneth, Draper
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; ORGANISM: Hepatitis B Virus
US-10-669-841-2433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 46.2.
Best Local 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3 GGUCUAUGCCAUU 15
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Dennis, Macejak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sapiens
    Pavco, Pam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: RNA
; ORGANISM: Homo &
US-10-287-949A-4147
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US-10-669-841-2433
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COTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1109
US-10-255-120-728
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; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 1266
US-10-255-120-834
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    Gaps
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Sequence 834, Application US/10255120

Publication No. US20040091865A1

GENERAL INFORMATION:

APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.

TITLE OF INVENTION: Helicobacter pylori, strain J99 complete genome.

FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333

CURRENT APPLICATION NUMBER: US/10/255,120

CURRENT PILING DATE: 2002-11-19

SOFUMBE: Proprietary

SEQ ID NO 834

LENGTH: 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Helicobacter pylori, strain J99 complete genome.
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Indels
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7
Mismatches
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                                                                         914 TIGGICTITGCCT 926
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Best Local Similarity 84.63
Matches 11; Conservative
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Best Local Similarity 84.61
Matches 11, Conservative
11; Conservative
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US-10-287-949A-4147
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Matches
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US-09-942-310-55
US-09-942-310-55
Sequence 55, Application US/09942310
Publication No. US2030044797A1
GENERAL INFORMATION:
APPLICANT: Rabinger. Carl
APPLICANT: Lewander, Tommy
APPLICANT: Lewander, Tommy
TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
FILE REPERENCE GG119-1US
CURRENT PILING DATE: 2001-08-29
CURRENT FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 77
SOFTWARE: Patentin version 3.1
SEQ ID NO 55
LEMGTH: 11
LEMGTH: 11
TITLE OF INVENTION: Compositions and Methods for Wound
TITLE OF INVENTION: Healing
FILE REFERENCE: 00486.78503
CURRENT APPLICATION NUMBER: US/09/249,155
CURRENT FILING DATE: 1999-02-12
BARLIER APPLICATION NUMBER: 60/074,737
BARLIER APPLICATION NUMBER: 60/097,937
BARLIER APPLICATION NUMBER: 60/097,937
BARLIER FILING DATE: 1998-08-26
BARLIER FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 254
SOFTWARE: PRESEQ for Windows Version 3.0
SEQ ID NO 59
LENGTH: 11
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US-09-942-310-62/c
US-09-942-310.62/c
Sublication No. US20030044797A1
GENERAL INFORMATION:
APPLICANT: Risinger, Carl
APPLICANT: Andersson, Maria K.
APPLICANT: Lewander, Tommy
APPLICANT: Dalasson, Erik
TITLE OF INTENTION: Detection of CYP2D6 Polymorphisms; FILE REPERENCE: GG119.1US
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Pred. No. 1.7e+02;
0; Mismatches 1;
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Pred. No. 1.7e+02;
0; Mismatches 1
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CTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-55
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90.9%;
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12.9
Best Local Similarity 90.9
Matches 10; Conservative
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Best Local Similarity 90.9
Matches 10, Conservative
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CRGANISM: Mus musculus
US-09-249-155-59
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APPLICANT: BATA TREASPORTING.
APPLICANT: Data TREASPORTING.
APPLICANT: Data TREASPORTING.
APPLICANT: Data McSwiggen
APPLICANT: Data McSwiggen
APPLICANT: Panel, McSwiggen
APPLICANT: Panel, Favor
APPLICANT: Panel, Favor
APPLICANT: Panel, Tarrice, Lee
APPLICANT: Reneth, Taper
APPLICANT: Roberts 100/102/102
APPLICANT: With SEPLICATION
TITLE OF INVENTION: OLIGIONUCLEOSTS
TITLE OF INVENTION: OLIGIONUCLEOSTS
TITLE OF INVENTION: OLIGIONUCLEOSTS
TITLE OF INVENTION: OLIGIONUCLEOSTS
TITLE OF INVENTION WIMBER: US/10/66,841
CURRENT APPLICATION WIMBER: US 60/296,876
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION WIMBER: US 60/396,876
PRIOR FILING DATE: 2001-10-24
PRIOR PRIOR APPLICATION WIMBER: US 60/395,59
PRIOR FILING DATE: 2001-10-26
PRIOR FILING DATE: 2001-10-26
PRIOR FILING DATE: 2001-03-26
PRIOR FILING DATE: 2001-03-26
PRIOR APPLICATION WIMBER: US 60/383,124
PRIOR APPLICATION WIMBER: US 60/363,124
PRIOR APPLICATION WIMBER: US 60/383,124
PRIOR APPLICATION WIMBER: US 60
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                                  Score 9.8; DB 1; Length 15;
Pred. No. 1.9e+02;
6; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                            Sequence 2495, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Lawrence, Blatt
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                               Query Match
Best Local Similarity 38.5%;
Matches 5; Conservative
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Best Local Similarity 38.5%;
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2495
                                                                                                                                              929 TATCCCTCCTCTT 941
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US-09-249-155-59
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Sequence 73, Application US/10612224
| Publication No. US20040137011A1
| GENERAL INFORMATION |
| GENERAL INFORMATION |
| APPLICANT: Cunningham, Philip R. |
| TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE |
| TITLE OF INVENTION: DENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO |
| TITLE OF INVENTION: MYDERS: US/10/612,224 |
| CURRENT APPLICATION NUMBER: US/10/612,224 |
| CURRENT PLING DATE: 2003-07-01 |
| PRIOR FILING DATE: 2003-07-01 |
| PRIOR FILING DATE: 2003-03-03 |
| PRIOR FILING DATE: 2003-03-03 |
| SETOR FILING DATE: 2003-0
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Sequence 74, Application US/10450797

Sequence 74, Application US/10450797

Sequence 74, Application US/1040142335A1

Sequence 74, Application US 20040142335A1

SENERAL INFORMATION:

APPLICANT: Corradt, Marcus

APPLICANT: Hofmann, Kay

TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO

FILE REFERENCE: HERK-0041

CURRENT APPLICATION NUMBER: US/10/450,797

CURRENT FILING DATE: 2003-12-04

PRICR APPLICATION NUMBER: PCT/EP01/15178

PRICR APPLICATION NUMBER: D2061-12-20

PRICR APPLICATION NUMBER: 2001-12-20

PRICR FILING DATE: 2001-01-03
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   PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: US 60/102,051
PRIOR FILING DATE: 1998-09-28
PRIOR APPLICATION NUMBER: US 09/249,155
PRIOR PILING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PASTSEQ for Windows Version 4.0
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ORGANISM: Artificial Sequence
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Best Local Similarity 90.9
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Matches 5, Conservative
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                                                                                                                                                                                                                                                                                                      ; TYPE: DNA; ORGANISM: Mus musculus US-10-314-322-279
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                                                                                                                                                                                                                                                SEQ ID NO 279
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ITLE OF INVENTION: Compositions and Methods for Wound
ITLE OF INVENTION: Healing
FILE REFERENCE: 000486.0016
CURRENT APPLICATION NUMBER: US/10/314,322
CURRENT APPLICATION NUMBER: US/074,737
PRIOR PILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-13
PRIOR FILING DATE: 1998-02-26
PRIOR FILING DATE: 1998-02-26
PRIOR FILING DATE: 1998-02-28
PRIOR PLING DATE: 1998-03-28
PRIOR PLING DATE: 1998-03-28
PRIOR APPLICATION NUMBER: US 60/102,051
PRIOR APPLICATION NUMBER: US 60/249,155
PRIOR APPLICATION NUMBER: US 09/249,155
PRIOR PLING DATE: 1999-02-12
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PRACESEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 11
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Sequence 279, Application US/10314322

Publication No. US2003022991A1

GENERAL INFORMATION:

APPLICANT: Heber-Karz, Ellen

TITLE OF INVENTION: Compositions and Methods for Wound

TITLE OF INVENTION: Healing

FILE REFERENCE: 000466.00016

CURRENT APPLICATION NUMBER: US/10/314,322

CURRENT FILING DATE: 2002-12-09

FRIOR FILING DATE: 1998-02-13

PRIOR FILING APPLICATION NUMBER: US 60/074,737

PRIOR APPLICATION NUMBER: US 60/097,937
                                                                                                                                                                                                                                                                                                                                                                                  ), OTHER INFORMATION: synthetic oligonucleotide US-09-942-310-62
CURRENT APPLICATION NUMBER: US/09/942,310
CURRENT FILING DATE: 2001-08-29
PRIOR APPLICATION NUMBER: GB 0021286.0
PRIOR FILING DATE: 2000-08-30
NUMBER OF SEQ ID NOS: 77
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 62
LENGTH: 11
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                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial sequence
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Best Local Similarity 90.9'
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US-10-314-322-59
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RESULT 373

US-10-450-797-1046/c

Sequence 1046, Application US/10450797

Belication No. US20040142335A1

GENERAL INFORMATION:

APPLICANT: Peterson, Dirk

APPLICANT: Conradt, Marcus

APPLICANT: Hofmann, Kay

TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO

FILE REFERENCE: 1003-12-04

CURRENT FILING DATE: 2003-12-04

PRIOR APPLICATION NUMBER: DE 101 00 121.5

PRIOR PILING DATE: 2001-12-20

PRIOR FILING DATE: 2001-12-20

PRIOR FILING DATE: 2001-01-03

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

SEQ ID NO 1046

FEMALE PATENTING DATE: 2001-01-03

NUMBER OF SEQ 10 NOS: 1435

SEQ ID NO 1046
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Pred. No. 1.7e+02;
0; Mismatches 1; Indels
              Score 9.4; DB 1; Length 11;
Pred. No. 1.7e+02;
0; Mismatches 1; Indels
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90.9%;
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Best Local Similarity 90.9%;
Matches 10; Conservative
                  12.9%;
90.9%;
                Query Match 12.9
Best Local Similarity 90.9
Matches 10; Conservative
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Best Local Similarity
Matches 10; Conserv
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; Beducation No. US20040142335A1
; Beducation No. US20040142335A1
; Beducation No. US20040142335A1
; GENERAL INFORMATION:
; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2001-12-20
; PRIOR PILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; SOFTHARE: Patentin version 3.2
; SOFTHARE: Patentin version 3.2
; SEQ ID NO 790
                                                                                                                                                                                                                                                                                                                                                  US-10-450-797-642

Sequence 642, Application US/10450797

Publication No. US20040142335A1

Sequence 642, Application No. US20040142335A1

Sequence 642, Application No. US20040142335A1

APPLICANT: Petersohn, Dirk

APPLICANT: Petersohn, Dirk

APPLICANT: Petersohn, Marcus

APPLICANT: Hofmann, Kay

TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO

FILE REPERBANCE: HERN-0041

CURRENT APPLICATION NUMBER: US/10/450,797

CURRENT PILING DATE: 2003-12-04

PRIOR APPLICATION NUMBER: DE 101 00 121.5

PRIOR PILING DATE: 2001-11-20

PRIOR FILING DATE: 2001-01-03

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

SEQ ID NOS: 1435

SEQ ID NO 642
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NUMBER OF SEQ ID NOS: 1435
SOFTWARE: Patentin version 3.2
SEQ ID NO 74
                                                                                                                                                         12.9%;
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Best Local Similarity 90.9
Matches 10; Conservative
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12.9
Best Local Similarity 90.9
Matches 10; Conservative
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                                                                            TYPE: DNA
CRGANISM: Homo sapiens
US-10-450-797-74
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CORGANISM: Homo sapiens
US-10-450-797-790
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) ORGANISM: Homo sapiens
US-10-450-797-642
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US-10-450-797-790/c
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US-10-055-732-26

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US-10-055-732-26

Sequence 26, Application US/10055732

Publication No. US20030135040A1

Sequence 26, Application US/2003135040A1

Sequence 26, Application Sequence 26, Applications

APPLICANT: Britia, Ramon

APPLICANT: Britia, Ramon

APPLICANT: Oster, Christian C.

TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US2003013504

TITLE OF INVENTION: Structures

FILE REPRENCE: 03038-0202 42892-265833

CURRENT APPLICATION NUMBER: US/10/055,732

CURRENT FILING DATE: 1999-10-29

PRIOR PILING DATE: 1999-10-29

PRIOR PLING DATE: 2000-10-30

PRIOR PAPLICATION NUMBER: US 60/162,627

PRIOR PAPLICATION NUMBER: US 60/197,559

PRIOR PLING DATE: 2000-04-17

NUMBER OF SEQ ID NOS: 30

SOFTWARE: Patentin Version 3.1

SSOTUMBER OF SEQ ID NOS: 30

SSOTUMBER OF SEQ ID NOS: 30
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Sequence 28, Application US/10055732

Sequence 28, Application US/10055732

Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, Sequence 28, TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US2003013504

TITLE OF INVENTION: Structures

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Pred. No. 2e+02;
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PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: Patentin version 3.2
LENGTH: 13
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Best Local Similarity 45.5%;
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                              ) ORGANISM: Hepatitis B virus US-10-342-902-6127
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Best Local Similarity 90.9
Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
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                                                                                                                                                                                                                                        PUDLICATION NO. USZO030068301A1

RENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
REDICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: McSwiggen, Jim
FILE OF INVENTION: McFace of 100/029)
CURRENT APPLICATION NUMBER: US/09/077,478
CURRENT APPLICATION NUMBER: US/09/077,478
CURRENT FILING DATE: 2001-12-14
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR PLING DATE: 2000-10-24
PRIOR PLING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR PLING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR PLING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR PLING DATE: 1995-06-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR PLING DATE: US 08/434,504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Strma Therapeutics, Inc.
APPLICANT: Brader, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: Blatt, Larry
APPLICANT: MCSWiggen, Jim
APPLICANT: MOSTISSEY, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (WEHBOO-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2001-06-08
PRIOR PILING DATE: 2000-00-12
PRIOR PILING DATE: 2000-00-20
PRIOR FILING DATE: 2000-00-20
PRIOR FILING DATE: 2000-00-20
PRIOR FILING DATE: 2000-00-20
PRIOR FILING DATE: 2000-00-20
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
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                                                                                                                                                 US-09-877-478-6127; Sequence 6127, Application US/09877478; Publication No. US20030068301A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6127, Application US/10342902
Publication No. US20040054156A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: RNA
CRGANISM: Hepatitis B virus
US-09-877-478-6127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 45.5.
...hes 5; Conservative
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           TCTTTGCTCTT 11
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Sequence 24, Application US/10700118
; Sequence 24, Application US/10700118
; Publication No. US20040137431A1
; GENERAL INFORMATION:
; APPLICANT: Lopez, Martin J.
APPLICANT: Eritia, Ramon
; APPLICANT: Muzer, Martin
TITLE OF INVENTION: Target Sequences for the Detection of the West Nile Virus
FILE REFERENCE: 0305-01
; CURRENT PELICATION NUMBER: US/10/700,118
; CURRENT PELICATION NUMBER: US 60/423508
; PRIOR PILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patentin version 3.2
; LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                RESULT 380

US-10-700-118-21

Sequence 21, Application US/10700118

Sequence 21, Application US/10700118

Publication No. US20040137431A1

GENERAL INFORMATION:

APPLICANT: Lopez, Martin

APPLICANT: Exit; Ramon

APPLICANT: Minzer, Martin

TILE OF INVENITON: Target Sequences for the Detection of the West Nile Virus

TILE REFERENCE: 030570

CURRENT APPLICATION NUMBER: US/10/700,118

CURRENT APPLICATION NUMBER: US 60/423508

PRIOR APPLICATION NUMBER: US 60/423508

PRIOR FILING DATE: 2002-11-04

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patentin version 3.2

SEQ ID NO 21

LENTH: 13
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12.9%; Score 9.4; DB 1; Length 13;
Best Local Similarity 90.9%; Pred. No. 2e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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                                                                                                    Score 9.4; DB 1; Length 13;
Pred. No. 2e+02;
5; Mismatches 1; Indels
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US-10-700-118-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Hairpin Component US-10-700-118-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.9%;
                                                                                                                 Query Match
Best Local Similarity 45.5%;
Matches 5; Conservative
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-2530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 45.5
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
ORGANISM: Artificial
FEATURE:
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APPLICANT: Lawrence, Blatt
APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Partice, Lee
APPLICANT: Partice, Lee
APPLICANT: Patrice, Lee
APPLICANT: Exherth, Roberts
APLICANT: Patrice, Lee
APPLICANT: Patrice, Lee
APLICANT: APPLICANTON WHERE: Us/10/669,841
CURRENT FILING DATE: 2003-03-2669,841
CURRENT FILING DATE: 2003-03-26
PRIOR FILING DATE: 2003-03-26
PRIOR PELLING DATE: 2003-03-26
PRIOR PELLING DATE: 2003-03-26
PRIOR PELLING DATE: 2003-03-31
PRIOR PEL
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                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Synthetic oligonucleotide
PRIOR APPLICATION NUMBER: US 60/162,627
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: US 09/702,066
PRIOR PILING DATE: 2000-10-30
PRIOR PLLING DATE: 2000-04-17
PRIOR PLING DATE: 2000-04-17
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin version 3.1
SEQ ID NO 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2530, Application US/10669841
Publication No. US20040127446A1
GENERAL INFORMATION:
APPLICANT: LIAWTENCE, Blatt
APPLICANT: LawTence, Blatt
                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: misc feature
LOCATION: (1)...(13)
COTHER INFORMATION: 2'- O-methyl RNA
US-10-055-732-28
                                                                                                                                                                                                                                                                                                        TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 45.5%;
Matches 5; Conservative
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GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Roup, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowsert
APPLICANT: Lex M. Cowsert
APPLICANT: Kenneth W. Dobie
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTSENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REPERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/774,888
PRIOR APPLICATION NUMBER: US/10/199,221
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 59
LENGTH: 20
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12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-774-888-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      920010.426C2
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; Sequence 510, Application US/09263959
; Patent No. US20020150891A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          938 TCTTCATTGGTTTAATGTA 956
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NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 510:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (206) 622-4900
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TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SS: single
linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
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Publication No. US20040014048A1

GENERAL INFORMATION.

APPLICANT: Breat P. Monia

APPLICANT: Lex M. COWSert

APPLICANT: Lex M. COWSERT

TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION

TITLE OF INVENTION: ANTISENSE WOULD ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION

CURRENT APPLICATION UNMBER: US/10/199,221

CURRENT FILING DATE: 2002-07-18

NUMBER OF SEQ ID NOS: 101
                                                                                                                                                                                                                                                   Sequence 169, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Feators
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT PILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: ParentIn Ver: 2.1
; SEQ ID NO 169
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 9.4; DB 1; Length 14;
Pred. No. 2.1e+02;
0; Mismatches 1; Indels
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12.9%; Score 9.4; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , OTHER INFORMATION: Antisense Oligonucleotide US-10-199-221-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 59, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    938 TCTTCATTGGTTTAATGTA 956
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 TTTTCATTAAACAATGTA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 90.9
Matches 10; Conservative
                                          931 TCCCTCCTCTT 941
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            922 TGCCTTTTATC 932
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                                                                                                                                                                                                                                        US-09-771-933-169
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US-10-774-888-59
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LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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US-10-146-058-118

US-10-146-058-118

Sequence 118, Application US/10146058

Publication No. US20030040499A1

GENERAL INFORMATION:

APPLICANT: Schlingensiepen, Georg-Ferdinand

APPLICANT: Schlingensiepen, Karl-Hermann

APPLICANT: Schlingensiepen, Reimar

APPLICANT: Schlingensiepen, Reimar

APPLICANT: Bogdahn, Ulrich

TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of

TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor beta (

TITLE OF DESSED: Jacobson, Price, Holman & Stern

STREET: 400 Seventh St. N.W.

CUTY: Washington D.C

CUTY: Washington D.C

COUNTRY: U.S.A.
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MEDIUM TYPE RODAG
COMPUTER READABLE FORM:
MEDIUM TYPE Floppy disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/146,058
FILING APPLICATION DATA:
APPLICATION NUMBER: 08/535,249
FILING APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NMS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12.6%; Score 9.2; DB 1; L. 78.6%; Pred. No. 2.2e+02; tive 0; Mismatches 3;
                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REPERBOCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEBHOME: (206) 682-690
TELEFRAME: (206) 682-6031
INFORMATION FOR SEQ ID NO: 930:
SEQUENCE GHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           908 TITICITIGGICIT 921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 ririgirirgiri 14
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Best Local Similarity 78.6'
Matches 11; Conservative
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US-09-263-959-930
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Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leery E.
APPLICANT: Roop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
ADDRESSEE: Seed and Berry LLP
                                                                                                                                                                                                                      APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: Masiliano.
COUNTRY: US
ZIP: 99104-7092
ZIP: 99104-7092
ZIP: 99104-7092
COMPUTER READABLE FORM
MEDIUM TYBE: Ploppy disk
CONFUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: US-MR-1999
CLASSIFICATION:
NAME: MOMBSTERS: DS-MR-1999
CLASSIFICATION NUMBER: 33,963
REGISTRATION NUMBER: 33,963
REGISTRATION NUMBER: 33,963
REJEROMONICATION INFORMATION:
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 619:
SEQUENCE CHARACTERISTICS:
TENTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Seed and Berry LLP 6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                           Sequence 619, Application US/09263959; Patent No. US20020150891A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 6300 Columbia Cent
CITY: Seattle
STATE: Washington,
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  908 TTTTCTTTGGTCTT 921
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     1 TTTTTTTTTT 14
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Matches 11, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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US-09-263-959-930
                                                                                                                              US-09-263-959-619
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GENERAL INFORMATION:

APPLICANT: Kniec, Eric B.

APPLICANT: Race, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single: TITLE OF INVENTION: Stranded Oligonucleotides

FILE REPERENCE: Napro-4

CURRENT APPLICATION NUMBER: US 60/192,176

FRIOR APPLICATION NUMBER: US 60/192,176

FRIOR PRING DATE: 2000-03-27

FRIOR PEDLICATION NUMBER: US 60/192,176

FRIOR PEDLICATION NUMBER: US 60/192,179

FRIOR PEDLICATION NUMBER: US 60/208,538

FRIOR PEDLICATION NUMBER: US 60/208,538

FRIOR APPLICATION NUMBER: US 60/244,989

FRIOR PELING DATE: 2000-06-01

FRIOR APPLICATION NUMBER: US 60/244,989

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: This nucleotide may be absent US-10-661-165-251
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: US 10/093,618
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2003-08-29
PRIOR FILING DATE: 2003-08-29
PRIOR FILING DATE: 2003-08-29
NUMBER OF SEQ ID NOS: 628
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 559, Application US/09818875
Publication No. US20030051270A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 560, Application US/09818875; Publication No. US20030051270A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         908 TITICITIGGICIT 921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      953 TGTATCGCTACCAA 966
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ORGANISM: Homo sapiens
US-09-818-875-559
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Matches 11; Conserv
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Matches 11; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                LENGIH: 14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Fublication No. US20040106102A1
GENERAL INFORMATION:
APPLICANT: Diallan, Ravinder S.
TITLE OF INVENTION: RAPID ANALYSIS OF VARIATIONS IN A GENOME
FILE REPERENCE: 543312000320
CURRENT APPLICATION NUMBER: US/10/376,770
CURRENT PILING DATE: 2003-02-28
FRICA FAPLICATION NUMBER: US 10/093,618
FRICA FILING DATE: 2002-03-11
FRICA FILING DATE: 2002-03-11
FRICA FILING DATE: 2002-03-01
FRICA FILING DATE: 2002-03-01
FRICA FILING DATE: 2002-03-01
FRICA FILING DATE: 2002-05-08
FRICA FIL
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                                                                                                                                                                                                                                                                                                                                                                                                                                         12.6%; Score 9.2; DB 1; Length 14; 78.6%; Pred. No. 2.2e+02; tive 0; Mismatches 3; Indels
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12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
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Sequence 251, Application US/10661165

Publication No. US20040137470A1

GENERAL INFORMATION:
APPLICANT: Dhallan, Ravinder S.
ITILE OF INVENTION: METHODS FOR DETECTION OF GENETIC
ITILE OF INVENTION: DISORDERS
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT FILING DATE: 2003-09-11

PRIOR APPLICATION NUMBER: US/105198

PRIOR FILING DATE: 2003-02-28

PRIOR FILING DATE: 2003-02-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; NAME/KEY: misc_feature

: LOCATION: 4

; OTHER INFORMATION: This nucleotide may be absent

US-10-376-770-251
                                                                                                                                                                                                                                                                                                             DNA (genomic)
                        TELEFA: (202) 393-5350
TELEY: RCA 248593 IDEA UR
INFORMATION POR SEQ ID NO: 116
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
          (202) 638-6666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               945 TGGTTTAATGTATC 958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                908 TTTTCTTTGGTCTT 921
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                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 78.6%
Matches 11, Conservative
                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (geno
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TTTTCTTTATTGTT 1
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                                                                                                                                                                                                                                                                                                                                         YES
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US-10-376-770-251/c
          TELEPHONE:
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US-10-146-058-118
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Sequence 560, Application US/10209787

Publication No. US2003021737A1

GENERAL INFORMATION:

APPLICANT: Kaniec, Eric B.

APPLICANT: Gamper, Howard B.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: WINBER: US/10/209,787

CURRENT APPLICATION NUMBER: US 60/192,176

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,179

PRIOR PILING DATE: 2000-06-01

PRIOR PILING DATE: 2000-06-01

PRIOR PILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01
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Best Local Similarity 78.6%;
Matches 11; Conservative
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CORGANISM: Homo sapiens
US-10-209-787-560
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US-10-209-787-559

i Sequence 559, Application US/10209787

sequence 559, Application Woll20030217377A1

sequence 559, Application No. US20030217377A1

sequence 559, Application No. US20030217377A1

septicant: More. Eric B.

APPLICANT: Kniec, Eric B.

APPLICANT: Rinec, Eric B.

APPLICANT: Rinec, Eric B.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/10/209,787

CURRENT FILING DATE: 2002-07-30

PRIOR PILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/192,176

PRIOR PILING DATE: 2000-03-27

PRIOR PELING DATE: 2000-03-27

PRIOR PILING DATE: 2000-06-07

PRIOR PILING DATE: 2000-06-07

PRIOR PILING DATE: 2000-06-07

PRIOR PILING DATE: 2000-06-07

PRIOR FILING DATE: 2000-06-07

PRIOR PILING DATE: 2000-06-07

PRIOR FILING DATE: 2000-07

PRIOR FILING DATE: 20
APPLICANT: Kmiec, Eric B.

APPLICANT: Gamper, Howard B.

APPLICANT: Rice, Michael C.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides

FILE REFERENCE: Napro-4

CURRENT APPLICATION NUMBER: US/09/818,875

CURRENT FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-61

PRIOR FILING DATE: 2000-06-03-61

PRIOR FILING DATE: 2000-05-03-61

PRIOR FILING DATE: 2000-05-03-70

PRIOR FILIN
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Best Local Similarity 78.6
Matches 11, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              14 rdragcgaracaaa 1
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; ORGANISM: Homo sapiens
US-09-818-875-560
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; ORGANISM: Homo sapiens
US-10-209-787-559
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Gaps

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RESULT 395

US-10-261-188-559

is equence 559, Application US/10261185

is equence 559, Application No. US20040014057A1

GENERAL INFORMATION:

APPLICANT: Kamiec, Eric B.

APPLICANT: Rameer, Howard B.

APPLICANT: Rameer, Howard B.

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: Stranded Oligonucleotides

TITLE OF INVENTION: Stranded Oligonucleotides

CURRENT APPLICATION NUMBER: US/10/261,185

CURRENT FILING DATE: 2001-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-03-27

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-06-01

PRIOR FILING DATE: 2000-08-01

SPOFUMARE: Friedman macro Napro4

SED ID NO S: 4385

LENGTH: 17
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Best Local Similarity
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schultz1-899.rnpb

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Sequence 560, Application US/10681074

Publication No. US20040175722A1

Publication No. US20040175722A1

GENERAL INFORMATION:

APPLICANT: RAIEC, ERIC B.

TITLE OF INVENTION: DIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

CURRENT APPLICATION NUMBER: US/10/681,074

CURRENT FILING DATE: 2003-10-07

PRIOR APPLICATION NUMBER: US 60/453,360

PRIOR APPLICATION NUMBER: US 60/416,983

PRIOR PILING DATE: 2002-10-07

NUMBER OF SEQ ID NOS: 4375

SOFTWARE: PATENTIN PETEING DATE: 2002-10-07

NUMBER OF SEQ ID NOS: 4375
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  Gaps
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## Sequence 3, Application US/10001073

## Publication No. US20030113725A1

## Publication No. US20030113725A1

## APPLICANT: Liggett, Stephen

## APPLICANT: Liggett, Stephen

## APPLICANT: Small, Kirsten

## TILLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms

## TILLE OF INVENTION: Alpha-2-adrenergic receptor polymorphisms

## CURRENT APPLICATION NUMBER: US/10/001,073

## CURRENT APPLICATION NUMBER: US/10/001,073

## SOFTWARE: Patentin Ver. 2.0

## SEQ ID NO 3

## SEQ ID NO 3

## SEQ ID NO 3
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  Mismatches
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, Sequence 237, Application US/10293222
, Publication No. US20040033932A1
, GENERAL INFORMATION:
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Best Local Similarity 78.6%
Matches 11; Conservative
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  11; Conservative
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US-10-681-074-560
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-001-073-3
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 560
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  Matches
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                                                                                                                                                                                                       Sequence 560, Application US/10261185
Publication No. US20040014057A1
GENERAL INFORMATION:
APPLICANT: Kniec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Stranded Oligonucleotides
TITLE OF INVENTION: APPLICATION WUBBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
FRIOR FILING DATE: 2001-03-27
FRIOR APPLICATION NUMBER: US 60/192,176
FRIOR APPLICATION NUMBER: US 60/192,176
FRIOR APPLICATION NUMBER: US 60/192,179
FRIOR APPLICATION NUMBER: US 60/208,538
FRIOR APPLICATION NUMBER: US 60/208,538
FRIOR APPLICATION NUMBER: US 60/204,989
FRIOR FILING DATE: 2000-06-01
FRIOR FILING DATE: 2000-06-01
FRIOR FILING DATE: 2000-06-01
FRIOR FILING DATE: 2000-06-07
FRIOR APPLICATION NUMBER: US 60/244,989
FRIOR FILING DATE: 2000-06-01
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Sequence 559, Application US/10681074

Publication No. US20040175722A1

GENERAL INFORMATION:

APPLICANT: WAIRE, ERIC B.

APPLICANT: WAN BRABANT, ANJA

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN

TITLE OF INVENTION: OLIGONOCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION

TITLE REPERENCE: NAPro-18 US

CURRENT APPLICATION NUMBER: US/10/681,074

CURRENT PILING DATE: 2003-10-07

PRIOR PILING DATE: 2003-10-07

PRIOR PILING DATE: 2002-10-07

NUMBER OF SEQ ID NOS: 4375

SOFTWARE: Patentin version 3.2

LENGTH: 17
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78.6%;
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Best Local Similarity 78.61
Matches 11; Conservative
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11; Conservative
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; ORGANISM: Homo sapiens
US-10-261-185-560
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Best Local Similarity
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US-10-681-074-559
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SEQ ID NO 560
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RESULT 404
US-10-329-465-229/C
is genence 229, Application US/10329465
is Sequence 229, Application No. US2003016594941
general information.
is publication No. US2003016594941
general information.
is application of UNEWAITON:
is TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
ittle OF INVENTION: FUSION
ittle OF INVENTION: FUSION
ittle REFERENCE: 27373/37928A
icurrent Application NUMBER: US/10/329,465
icurrent Priling Date: 2002-12-23
if PRIOR FILING DATE: 2001-12-27
in NUMBER OF SEQ ID NOS: 315
is SEQ ID NO 229
ibengin: 10
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US-10-033-145-1495
Sequence 1495, Application US/10033145
Sequence 1495, Application US/10033145
Sequence 1495, Application US/10033145
Sequence 1495
GENERAL INFORMATION:
SEQUENCE SEQUENCE
SETIMATE ROBERTS, BRUCE
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REPERENCE: GAOGULG
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: PCT/US/99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 1495
LENGTH: 10
                                                                                                                                                                                                                                                                                               Query Match 12.3%; Score 9; DB 1; Length 10; Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 9; Conservative 0; Mismatches 0; Indels
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; PRIOR FILING DATE: 1999-06-18; NUMBER OF SEQ ID NOS: 2137; SOFTWARE: Patentin version 3.0; SEQ ID NO 1326; LENGTH: 10; TYPE: DNA; ORGANISM: Homo sapiens US-10-033-145-1326
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Best Local Similarity 100.v
Shea 9; Conservative
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US-10-033-145-1495
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Publication No. US2002015155A1

GENERAL INFORMATION:
APPLICANT: GENERAL SRINIVAS
APPLICANT: SHAWKARA, SRINIVAS
APPLICANT: SHAWKARA, SRINIVAS
TITLE OF INVENTION: PREPRATION AND USE OF SUPERIOR VACCINES
FILE REFERENCE: GA0201C
CURRENT APPLICATION UNMBER: US/10/033,145
CURRENT APPLICATION NUMBER: PCT/US99/13800
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Best Local Similarity 100.0%; Pred. No. 1.5
Matches 9; Conservative 0; Mismatches
APPLICANT: Versteeg, Rogier
APPLICANT: Caron, Hubertus N.
TITLE OF INVENTION: MYC targets
FILE REPERBNCE: 2183-5580US
CURRENT FILING DATE: 2002-11-12
RIOR APPLICATION NUMBER: BCT/NL01/00361
PRIOR PILING DATE: 2001-05-11
PRIOR PILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: EP 00201698.8
PRIOR PILING DATE: 2000-05-11
PRIOR PILING DATE: 2000-05-11
PRIOR PILING DATE: 2000-05-13
PRIOR FILING DATE: 2000-06-13
SEQ ID NO 237
LENGTH: 10
LENGTH: 10
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Matches 9; Conservative
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CRGANISM: Homo sapiens
US-10-293-222-237
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US-10-033-145-521/c
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APPLICANT: MURPHY, BRIAN R.
APPLICANT: MURPHY, BRIAN R.
APPLICANT: SKIADOPOULOS, MARIO H.
APPLICANT: SKIADOPOULOS, MARIO H.
APPLICANT: SKIADOPOULOS, MARIO H.
APPLICANT: NEWMAN, JASON T.
TITLE OF INVENTION: RECOVERY OF RECOMBINANT HUMAN PARAINFLUENZA VIRUS TYPE
TITLE OF INVENTION: IMMUNOCENIC COMPOSITIONS AND AS VECTORS TO BLICTT
TITLE OF INVENTION: IMMUNOCENIC COMPOSITIONS AND AS VECTORS TO BLICTT
TITLE OF INVENTION: IMMUNE RESPONSES AGAINST PIV AND OTHER HUMAN PATHOGENS
FILE REPRESENCE: 230.3.7.3
CURRENT PRILING DATE: 2002-11-21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 222, Application US/09249155
Publication No. US20030037345A1
GENERAL INFORMATION:
APPLICANT: Heber-Katz, Ellen
TITLE OF INVENTION: Compositions and Methods for Wound
TITLE OF INVENTION: Healing
FILE REFERENCE: 00406.78503
CURRENT APPLICATION NUMBER: US/09/249,155
CURRENT FILING DATE: 1999-02-12
EARLIER APPLICATION NUMBER: 60/074,737
EARLIER APPLICATION NUMBER: 60/074,737
EARLIER APPLICATION NUMBER: 60/07,937
EARLIER APPLICATION NUMBER: 60/07,937
EARLIER APPLICATION NUMBER: 60/097,937
EARLIER APPLICATION NUMBER: 60/102,051
EARLIER FILING DATE: 1998-09-28
NUMBER OF SEQ ID NOS: 254
SOUTWARE FESTENCE DE NOS: 254
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Sequence 222, Application US/10314322
Publication No. US20030229911A1
GRNERAL INFORMINENT: Heber-Katz, Ellen
TITLE OF INVENTION: Compositions and Methods for Wound
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.3%; Score 9; DB 1; Le
illarity 44.4%; Pred. No. 1.9e+02;
Conservative 5; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) TYPE: RNA
; ORGANISM: Murine parainfluenza virus 1
US-10-302-547-35
                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 60/331,961
PRIOR FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 137
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 35
LENGTH: 10
     Publication No. US20040142448A1
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; CRGANISM: Mus musculus
US-09-249-155-222
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Best Local Similarity
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Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND.
APPLICANT: MCRISETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13597.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 100
                              Gaps
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Best Local Similarity 100.0%; Pred. No. 1.9e+02; Matches 9; Conservative 0; Mismatches 0; Indels
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US-10-091-281-100
                                                                                                                                                                                                                                                                                                     APPLICANT: Velculescu, Victor B.
APPLICANT: Kinzler, Kenneth W
APPLICANT: Vogelstein, Bert
TITLE OF INVENTION: Human Transcriptomes
FILE REFERENCE: 001107.00319
CURRENT FILING DATE: 2002-12-30
PRIOR PILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1564
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 644
                                                                                                                                                                                                                                        ; Sequence 644, Application US/10330627; Publication No. US20030175771A1; GENERAL INFORMATION:
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US-10-302-547-35
; Sequence 35, Application US/10302547
                                                                       899 CCCTGGTCA 907
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CORGANISM: Homo sapiens
US-10-330-627-644
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ORGANISM: Homo sapiens
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Best Local Similarity
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US-10-330-627-644/C
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US-10-091-281-100/c
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APPLICANT: JUSINA, AUGUE
APPLICANT: JUSINA, Emanuel
APPLICANT: Le CANN, Pierre
APPLICANT: BLACKHRAD, Phillipe
APPLICANT: BLACKHRAD, Phillipe
APPLICANT: HUTET, Realyne
APPLICANT: TRUONG, Catherine
APPLICANT: TRUONG, Catherine
APPLICANT: TRUONG, Catherine
APPLICANT: MAHE, Dominique
APPLICANT: MAHE, Dominique
APPLICANT: CARIOLET, Roland
APPLICANT: MAHE, DOMINIQUE
APPLICANT: MAHE, DOMINIQUE
APPLICANT: MAHE, DOMINIQUE
APPLICANT: MAHE, DOMINIQUE
APPLICANT: MAHE, 10016
APPLICANT: MAHE, 10016
CURRENT FILING DATE: 2003-10-10
PRICR PILING DATE: 2003-08-08
PRICR PLING DATE: 2003-08-08
PRICR PLING DATE: 2003-02-28
PRICR APPLICATION NUMBER: US/09/514,245B
PRICR APPLICATION NUMBER: FF 97/15396
PRICR PLING DATE: 1997-12-05
SOFTWARE: PatentIn version 3.0
SOFTWARE: PatentIn version 3.0
SOFTWARE: DAMA
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Sequence 28, Application US/10117108A
Publication No. US20310082571A1
GENERAL INFORMATION:
APPLICANT: ARCHAB, Edward H.
APPLICANT: BARNETT, Graeme R.
TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                     Length 11;
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   CURRENT FILING DATE: 2003-12-04

PRIOR APPLICATION NUMBER: PCT/EP01/15178

PRIOR FILING DATE: 2001-12-20

PRIOR PILING DATE: 2001-01

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

SOFTWARE: Patentin version 3.2

LENGTH: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-682-420-42
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Matches 9, Conservative
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                                                                                                                                                                                                                                                                    TYPE: DNA
CORGANISM: Homo sapiens
US-10-450-797-962
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Publication No. US20040142335A1

Publication No. US20040142335A1

APPLICANT: Petersohn, Dirk

APPLICANT: Petersohn, Marcus

APPLICANT: Petersohn, Kay

TITLE OF INVENTION: MATCHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO

FILE REFERENCE: HENK-0041

CURRENT PILLING DATE: 2003-12-04

PRIOR PLLING DATE: 2001-12-20

PRIOR PLLING DATE: 2001-12-20

PRIOR PLLING DATE: 2001-03

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

LENTH: 11
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US-10-450-797-962/c
US-10-450-797-962/c
Sequence 962, Application US/10450797
Sequence 962, Application US/10450797
Publication No. US20040142335A1
GENERAL INFORMATION:
APPLICANT: Peterson, Dirk
APPLICANT: Corradt, Marcus
TILLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
FILE REFERENCE: HENK-0041
CURRENT APPLICATION NUMBER: US/10/450,797
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Best Local Similarity 100.0%; Pred. No. 2e+
Matches 9; Conservative 0; Mismatches
TITLE OF INVENTION: Healing
FILE REFERENCE: 000466.00016
CURRENT APPLICATION NUMBER: US/10/314,322
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/074,737
PRIOR PILING DATE: 1988-02-13
PRIOR FILING DATE: 1988-02-66
PRIOR FILING DATE: 1988-09-26
PRIOR PILING DATE: 1998-09-26
PRIOR PILING DATE: 1998-09-26
PRIOR PILING DATE: 1998-09-26
PRIOR PILING DATE: 1998-09-28
PRIOR PILING DATE: 1998-09-28
PRIOR PILING DATE: 1998-09-28
PRIOR PELING DATE: 1998-09-28
PRIOR PILING DATE: 1998-08-28
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Best Local Similarity 100.
Matches 9; Conservative
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; ORGANISM: Homo sapiens
US-10-450-797-337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Mus musculus
US-10-314-322-222
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US-10-450-797-337/c
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Sequence 42, Application US/10442180 Publication No. US20040091502A1 GENERAL INFORMATION:
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CREANISM: Type A PWD circovirus
US-10-442-180-42
                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Type A PWD circovirus
US-10-409-613-42
                      ARNAULD, Claire
TRUONG, Catherine
  HUTET, Evelyne
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                  APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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LENGTH: 12
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US-10-001-670-88

Sequence 88, Application US/10001670

Publication No. US20030119002A1

GENERAL INFORMATION:
APPLICANT: Randabalan, Krishnan
APPLICANT: Rothberg, Jonathan
TITLE OF INVENTION: IDENTIFICATION AND COMPARISON OF PROTEIN-PROTEIN
TITLE OF INVENTION: IDENTIFICATION OF INHIBITORS OF THESE INTERACTIONS
FILE REPREMENCE: 794-087

CURRENT APPLICATION NUMBER: US/10/001,670

CURRENT PILING DATE: 2001-11-01

PRIOR PLING DATE: 1996-01-12

PRIOR FILING DATE: 1996-06-14

WUMBER OF SEQ ID NOS: 118

SOFTWARE: PARCHILIN Ver: 2.0

SEQ ID NO 88
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                                                                                                                                                                                                                                                                                             ) NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The monomer tttgcc may be repeated from 2-20 times
US-10-117-108A-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
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; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; CURRENT FILING DATE: 2002-04-08
; FALOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: Patentin version 3.1
; SOFTWARE: 12
                                                                                                                                                                                                                                                          OTHER INFORMATION: Synthetic oligonucleotide
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Publication No. US20040076635A1
GENERAL INFORMATION:
APPLICANT: JOSTIN, Andre
APPLICANT: ALBINA, Emanuel
APPLICANT: Le CANN, Pierre
APPLICANT: BLANCHARD, Phillipe
                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   920 TITGCCTTT 928
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US-10-409-613-42
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APPLICANT: ANABE, Dominique
APPLICANT: ANABE, Dominique
APPLICANT: CARCIDET, Kaland
APPLICANT: CARCIDET, Kaland
APPLICANT: CARCIDET, Kaland
APPLICANT: MADEC, Francois
TITLE OF INVENTION: DISEASE (PWD)
FILE REPERBNCE: 065691/0176
CURRENT APPLICATION NUMBER: US/10/409,613
CURRENT APPLICATION NUMBER: US/09/514,245B
PRIOR FILING DATE: 2000-02-28
PRIOR FILING DATE: 2000-02-28
PRIOR FILING DATE: 1997-12-05
NUMBER OF SEQ ID NOS: 170
SOFTWARE: PatentIn version 3.0
SEQ ID NO 42
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Sequence 23, Application US/10106799

Publication No. US20030140379A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TATLE OF INVENTION: Mo. US20030140379A1e1 DNA sequence in plants Caragana jubata with
TITLE OF INVENTION: method thereof
TITLE OF INVENTION: Workers US/10/106,799
CURRENT APPLICATION NUMBER: US/10/106,799
CURRENT PILING DATE: 2002-10-31
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.1
SEQ ID NO 23
IBNGTH: 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Artificial Sequence
; FRATURE:
; OTHER INFORMATION: AP68 arbitrary primer for differential display
US-10-106-799-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonuclectide
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12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels
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UG-10-115-077-15

j Sequence 15, Application US/10115077

publication No. US200301E7497A1

GENERAL INFORMATION:

APPLICANT: SOUTHERN. EDWIN

TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
FILE REFERENCE: 07649.0001-05000

CURRENT FILING DATE: 1999-08-31

PRIOR APPLICATION NUMBER: 08/386,155

PRIOR FILING DATE: 1997-09-09

PRIOR PAPLICATION NUMBER: 07/695,682

PRIOR APPLICATION NUMBER: 07/695,682

PRIOR APPLICATION NUMBER: 07/695,682

PRIOR PELING DATE: 1990-09-28

PRIOR PELING DATE: 1990-09-28

PRIOR FILING DATE: 1990-09-28

PRIOR PELING DATE: 1990-09-28

PRIOR PELING DATE: 1990-09-28

PRIOR PELING DATE: 1990-05-28

PRIOR SEQ ID NOS: 76

SOFTWARE: PARCHIN VOY-2.1

SEQ ID NO 15

LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
12.3%; Score 9; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         910 TICTTIGGT 918
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Sequence 27, Application US/09823887C
Sequence 27, Application US/0982381
Sequence 27, Application No. US20030180723A1
GENERAL INFORMATION:
GENERAL INFORMATION:
CONTRIBUTE Lal, Laktwir
APPLICANT: Ahuja, Paramyir
APPLICANT: Ahuja, Paramyir
APPLICANT: Ahuja, Paramyir
APPLICANT: Ahuja, Paramyir
APPLICANTON: Cloning of No. US20030180723A1e1 Gene Sequences Expressed and RepTITLE OF INVENTION: Cloning of No. US2003180723A1e1 Gene Sequences Expressed and RepTITLE OF INVENTION: COUNTRY in the Apical Buds of Tea (Camellia Sinensis L. (O.) KU FILE REFERENCE: AD0153916.0001US0
CURRENT FILING DATE: 2002-04-23
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin version 3.1
SEQ ID NO 27
LENGTH: 13
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Pred. No. 2.1e+02;
Sequence 374, Application US/10661165
Publication No. US20040137470A1
GENERAL INFORMATION:
TITLE OF INVENTION:
FILE OF INVENTION:
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT APPLICATION NUMBER: US/00/661,165
FILE REFERENCE: 543312000420
FILE REFERENCE: 543312000420
FILE REFERENCE: 2003-09-11
FRIOR APPLICATION NUMBER: US 60/378,354
FRIOR FILING DATE: 2002-05-08
FRIOR FILING DATE: 2002-03-11
FRIOR APPLICATION NUMBER: US 60/378,320
FRIOR FILING DATE: 2002-03-11
FRIOR FILING DATE: 2002-03-11
FRIOR APPLICATION NUMBER: US 60/360,232
FRIOR FILING DATE: 2003-03-01
FRIOR FILING DATE: 2003-03-03
FRIOR FILING DATE: 2003-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 2.1
Matches 9; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.8
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CTHER INFORMATION: Primer US-10-661-165-374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    949 TTAATGTAT 957
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US-09-823-887C-27
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                                               12.3%; Score 9; DB 1; Length 13; 100.0%; Pred. No. 2.2e+02; tive 0; Mismatches 0; Indels
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Pred. No. 2.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 6300 Columbia Center, 701 Fifth Avenue STREET: 6300 Columbia Center, 701 Fifth Avenue STATE: 8abington COUNTY: 8abington COUNTY: US
ZIP: 98104-7092
COMPUTER READABLE FORM: NEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/263,959
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 2.2
Matches 9; Conservative 0; Mismatches
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NAME: McMasters, David D.
REGISTATION NUMBER: 33,9633
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                05-MAR-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA; Camellia sinensis
US-10-109-363-25
                                                  Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                       935 TCCTCTTCA 943
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 424
US-09-263-959-482
US-10-115-077-60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE: OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Oligonuclectide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 44, Application US/10115077
Sequence 10. US20030157497A1
Sequence 10. US20030157497A1
Sequence 10. US20030157497A1
SEPLICANT: SOUTHERN.
APPLICATION:
TITLE OF INVENTION: ANALYZING POLYNUCLEOTIDE SEQUENCES
FILE REFERENCE: 0749,0001-05000
CURRENT FILING DATE: 2003-04-28
FRIOR APPLICATION NUMBER: US/10/115,077
PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1999-08-31
PRIOR FILING DATE: 1994-04-19
FRIOR FILING DATE: 1994-04-19
FRIOR FILING DATE: 1991-05-03
FRIOR FILING DATE: 1991-05-03
FRIOR FILING DATE: 1990-09-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 2.2e+02; Matches 9; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
FEATURE:
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                   JS-10-115-077-44
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Sequence 482, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Le
Sequence 25, Application US/10109363
Publication Wo. US20030196214A1
Publication Wo. US20030196214A1
APPLICANT: SHARMA, PRITI
APPLICANT: KUMAR, SANVAX
APPLICANT: APPLICANT: METHOD OF INTRODUCHT STRESS TOLERANT TEA PLANT AND A TITLE OF INVENTION: METHOD OF INTRODUCING WATER-STRESS TOLERANCE
FILE REPERENCE: 3097-4009
CURRENT APPLICATION NUMBER: US/10/109,363
CURRENT FILIAG DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
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NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.1
SEQ ID NO 17
LENGTH: 12
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US-10-244-142A-7/c
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Sequence 131, Application US/10461790

Publication No. US20040029111A1

GENERAL INFORMATION:

APPLICANT: Linnen, Jeffery M.

APPLICANT: Converse Manch Applicant: Posimura, Tanel M.

APPLICANT: Secmen, Damon K.

APPLICANT: Sering-Loy, Marcy

APPLICANT: Stringfellow, Leelie A.

TITLE OF INVENTION: Compositions and Methods for Detecting

TITLE OF INVENTION: Hepatitis B Virus

FILE REFERENCE: GP134-02.UT

CURRENT APPLICATION NUMBER: US/10/461,790

CURRENT FILING DATE: 2003-06-13

PRIOR APPLICATION NUMBER: 60/389,393

PRIOR APPLICATION NUMBER: 60/389,393

PRIOR APPLICATION NUMBER: 60/2007-06-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 426
US-10-216-540-17
Sequence 17, Application US/10216540
Publication No. US20030051261A1
GENERAL INFORMATION:
APPLICANT: Vanderheeghen, Rudy
ITILE OF INVENTION: Plant Internal Ribosome Entry Segment
FILE REPERENCE: 26/603
CURRENT APPLICATION NUMBER: US/10/216,540
CURRENT PLING DATE: 2002-08-09
PRIOR PILING DATE: 2001-02-01
PRIOR FILING DATE: 2001-02-01
PRIOR FILING DATE: 2000-02-10
                                                                                                                                                                                                12.1%; Score 8.8; DB 1; Length 12; 83.3%; Pred. No. 2.3e+02; ive 0; Mismatches 2; Indels
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LOCATION: (1)...(12)

OTHER INFORMATION: 2'-OWe nucleotide analogs

US-10-461-790-131
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 142
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 131
LENGTH: 12
TELEPAX: (206) 682-6031
| INFORMATION FOR SEQ ID NO: 48
| SEQUENCE CHARACTERISTICS:
| LENGTH: 12 base pairs
| TYPE: nucleic acid
| TYPE: nucleic acid
| TOPOLICY: 1 inear
| US-09-263-959-482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: RNA ORGANISM: Hepatitis B Virus
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Matches 10; Conservative
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US-10-461-790-131/c
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Best Local S
Matches 10
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                                                             ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer oligo #2
US-10-216-540-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CTHER INFORMATION: Synthetic oligonucleotide
FEATURE:
NAMENEY: misc feature
LOCATION: (1)..(6)
CHER INFORMATION: The monomer aaagcc may be repeated from 2-20 times
US-10-117-108A-20
                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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APPLICANT: White, Sarah
APPLICANT: White, Sarah
TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
TITLE OF INVENTION: Bacteria
TITLE OF INVENTION WIMBER: US/10/244,142A
CURRENT FILING DATE: 2002-09-12
PRIOR PELICATION NUMBER: US 60/322,704
PRIOR FILING DATE: 2001-09-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 427
US-10-117-108A-20/C
is 50-117-108A-20/C
sequence 20, Application US/10117108A
sequence 20, Application US/10117108A
sequence 20, Application US-10117108A
sequence 20, Application US-10117108A
sequence 20, Application US-1011708A
septicant: RACHAB, Edward H.
string CANNENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR FILE REFERENCE: 37955-0004
current Application NUMBER: US/10/117,108A
current Application NUMBER: US 60/282,491
sequence 2010-04-10
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12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 2.38+02;
Matches 10; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                  Length 12;
                                                                                                                                                                                              Score 8.8; DB 1; Length 12
Pred. No. 2.3e+02;
5; Mismatches 2; Indels
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Publication No. US20030199516A1
GENERAL INPORMATION:
APPLICANT: Moser, Heinz E.
APPLICANT: Baird, Eldon E.
APPLICANT: Buerli, Roland W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
TYPE: RNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                  Query Match
Best Local Similarity 41.7%;
Matches 5; Conservative
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APPLICANT: SOUTHERN, EDWIN
TITLE OF INVENTION: A METHOD FOR ANALYSING A POLYNUCLECTIDE CONTAINING A
TITLE OF INVENTION: VARIABLE SEQUENCE AND A SET OR ARRAY OF
TITLE OF INVENTION: OLIGOMOCLECTIDES THEREFOR (AS AMENDED)
FILE REFERENCE: 97-1173*/wmc/263
CURRENT APPLICATION NUMBER: US/09/934,604
                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                OTHER INFORMATION: Description of Artificial Sequence:target sequence OTHER INFORMATION: in EcoRI/PoulI restriction fragment of Plasmid A
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Pred. No. 2.3e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Dhallan, Ravinder S.
TITLE OF INVENTION: METHODS FOR DETECTION OF GENETIC
TITLE OF INVENTION: DISORDERS
FILE REFERENCE: 543312000420
CURRENT APPLICATION NUMBER: US/10/661,165
CURRENT FILING DATE: 2003-09-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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PRIOR FILING DATE: 2003-02-28
PRIOR FILING DATE: 2003-02-28
PRIOR PLING DATE: 2003-05-08
PRIOR PLING DATE: 2002-05-08
PRIOR PLING DATE: 2002-03-11
PRIOR PLING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-11
PRIOR FILING DATE: 2002-03-01
PRIOR FILING DATE: 2002-03-01
PRIOR PLING DATE: 2002-03-01
PRIOR PLING DATE: 2003-02-28
NUMBER OF SEQ ID NOS: 628
SOFTWARE: PESTSEQ for Windows Version 4.0
SEQ ID NO 405
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 405, Application US/10661165; Publication No. US20040137470A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 4, Application US/09934604
Patent No. US20020106665A1
                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
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Best Local Similarity 83.3
Matches 10; Conservative
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Best Local Similarity 83.3
Matches 10; Conservative
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US-10-661-165-405
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                                                                                                                                              FEATURE:
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US-02-877-APE-5976, Application US/09877478

| Sequence 5976, Application US/09877478
| Publication No. US2030068301A1
| GENERAL INFORMATION:
| APPLICANT: Ribozyume Pharmaceuticals, Inc.
| APPLICANT: Blatt. Larry
| APPLICANT: Blatt. Larry
| APPLICANT: Mortissey, Dave
| TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
| FILE REFERENCE: MHH800-845-H (400/029)
| CURRENT APPLICATION WIMBER: US/09/877,478
| CURRENT APPLICATION WIMBER: US/09/877,12
| PRIOR APPLICATION WIMBER: US/09/83,385
| PRIOR APPLICATION WIMBER: US/09/631,025
| PRIOR APPLICATION WIMBER: US/09/63,347
| PRIOR APPLICATION WIMBER: US/09/434,504
| PRIOR APPLICATION WIMBER: US/09/434,504
| PRIOR PLILING DATE: 1995-05-04
| PRIOR PLILING DATE: 1995-05-04
| PRIOR PLILING DATE: 1995-05-04
| PRIOR PLILING DATE: 1999-11-08
| WIMBER OF SEQ ID NOS: 6566
| SOFTWARE: ParentIn version 3.0
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US-09-934-604-4
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                   PRIOR APPLICATION NUMBER: U5/09/502,778
PRIOR PILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 4
LENGTH: 13
2001-08-23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 925 CTTTTATCCCTC 936
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Best Local Similarity 83.3
Matches 10; Conservative
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                                                                                                                                                                              TYPE: DNA ORGANISM: Unknown
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RESULT 432 US-09-877-478-6115 : Sequence 6115, Application US/09877478

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RESULT 435

US-10-123-170-1

US-10-123-170-1

Sequence 1, Application US/10123170

Publication No. US20030008277A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SECRICU, NICOLAS

APPLICANT: VARIBA-MACHADO, ALEXANDRE
APPLICANT: VARIBA-MACHADO, ALEXANDRE
APPLICANT: VARFAKH, NADIA
TITLE OF INVENTION: RECOMBINANT SEGMENTED NEGATIVE STRAND VIRUS CONTAINING BICISTRONI
TITLE OF INVENTION: SEGMENT WITH A DUPLICATION OF ITS 3' NONCODING FLANKING SEQUENCE
TITLE OF INVENTION: AND THERAPEUTIC COMPOSITIONS CONTAINING THE SAME
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Pred. No. 2.4e+02;
6; Mismatches 2; Indels
                                                                                                                                                                                                              Length 13;
                                                                                                                                                                                                              Score 8.8; DB 1; Length 13 Pred. No. 2.4e+02; 5; Mismatches 2; Indels
; SOFTWARE: Patentin version 3.2; SEQ ID NO 5976; LENGTH: 13
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Best Local Similarity 33.3%;
Matches 4; Conservative
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Best Local Similarity 41.7%;
Matches 5; Conservative
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; ORGANISM: Hepatitis B virus
US-10-342-902-6115
                                                                                             ) TYPE: RNA
) ORGANISM: Hepatitis B virus
US-10-342-902-5976
                                                                                                                                                                                                                                                                                                                                     931 TCCCTCCTCTTC 942
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1 UGCCUCAUCUUC 12
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1 UGUUCAGUGGUU 12
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| Sequence 5976, Application US/10342902
| Publication No. US20040054156A1
| GENERAL INFORMATION:
| APPLICANT: Sina Therapeutics, Inc. |
| APPLICANT: Bira Therapeutics, Inc. |
| APPLICANT: Blatt, Larry |
| APPLICANT: Blatt, Larry |
| APPLICANT: Blatt, Larry |
| APPLICANT: Mcwiggen, Jüm |
| APPLICANT: Mcwiggen, US/10/342,902 |
| TITE OF INTERNOE: 400/075 (MmBER: US/9/877,478 |
| PRIOR APPLICATION NUMBER: US 09/636,385 |
| PRIOR APPLICATION NUMBER: US 09/636,347 |
| PRIOR APPLICATION NUMBER: US 09/436,430 |
| PRIOR FILING DATE: 1999-1108 |
                                         GENUREAL INFORMATION:
APPLICANT: Ribozyme Pharmaccuticals, Inc.
APPLICANT: Bilatt, Larry
APPLICANT: Balt, Larry
APPLICANT: Mcsiggen, Jim
FILE REPERENCE: Melboo-845-H (400/029)
CURRENT APPLICATION NUMBER: US 07/882,712
PRIOR APPLICANTION NUMBER: US 09/586,385
PRIOR FILING DATE: 2000-03-20
PRIOR FILING DATE: 2000-10-24
PRIOR FILING DATE: 2000-10-27
PRIOR FILING DATE: 10994-02-07
PRIOR APPLICANTION NUMBER: US 08/193,627
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICANTION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR FILING DATE: 1995-05-04
PRIOR PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR PRIOR PRIOR DATE: 1995-05-04
PRIOR PRIOR PRIOR DATE: 1995-05-04
PRIOR PRIOR APPLICATION NUMBER: US 08/436,430
PRIOR FILING DATE: 1995-05-04
PRIOR PRIOR PRIOR DATE: 1995-05-04
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Pred. No. 2.4e+02;
i Mismatches 2; Indels
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   Publication No. US20030068301A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 33.3.
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1 UGUUCAGUGGUU 12
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APPLICANT: University of Pittsburgh
APPLICANT: Lotze, Michael T.
APPLICANT: Applamental, Siamak T.
TITLE OF INVENTION: High Efficiency Regulatable Gene Expression System
FILE REFERENCE: 00791PCT
CURRENT APPLICATION NUMBER: US/10/148,521
CURRENT APPLICATION NUMBER: US 60/237,633
PRIOR FILING DATE: 2000-10-03
                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:target sequence; OTHER INFORMATION: in EcoRI/Pvull restriction fragment of Plasmid A US-10-244-142A-8
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; OTHER INFORMATION: SGG linker-2 forward oligonuclectide
US-10-148-521-19
    CURRENT FILING DATE: 2002-09-12
PRIOR PAPLICATION NUMBER: US 60/322,704
PRIOR FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patentin Ver: 2.1
SEQ ID NGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 19, Application US/10148521
Publication No. US20030221203A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.1
SEQ ID NO 19
LENGTH: 13
                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
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Best Local Similarity
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Sequence 8, Application US/10104025

Sequence 8, Application US/10104025

Publication No. US2030165876A1

SERBRAL INFORMATION:

APPLICANT: AVENTIS PHARM SA

APPLICANT: ELANCHE, FRANCIS

APPLICANT: CAMERON, BEALTICE

TITLE OF INVENTION: PROCESSES FOR PURIFYING AND FOR DETECTING TARGET DOUBLE-STRANDED

TITLE OF INVENTION: SEQUENCES BY TRIPLE HELIX INTERACTION

TITLE OF INVENTION: SEQUENCES BY TRIPLE HELIX INTERACTION

FILE REFERENCE: 03806.0546

CURRENT APPLICATION NUMBER: US/10/104,025

CURRENT APPLICATION NUMBER: US 60/285,272

FRIOR APPLICATION NUMBER: FR 0103953

FRIOR FILING DATE: 2001-03-23

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.0
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APPLICANT: Baird, Eldon B.
APPLICANT: Buerli, Roland W.
APPLICANT: Ge, Yigong
APPLICANT: White, Sarah
APPLICANT: White, Sarah
APPLICANT: GeneSoft, Inc.
TITLE OF INVENTION: Methods of Treating Infection by Drug Resistant
TITLE OF INVENTION: Bacteria
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Pred. No. 2.4e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                FEATURE:
; OTHER INFORMATION: restriction enzyme cleavage sequence
US-10-123-170-1
FILE REFERENCE: 221283USO
CURRENT APPLICATION NUMBER: US/10/123,170
CURRENT FILING DATE: 2002-04-17
FRIOR APPLICATION NUMBER: 60/283,957
FRIOR FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 18
SOFTWARE: Patentin version 3.1
SOFTWARE: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: 020891-00910US
CURRENT APPLICATION NUMBER: US/10/244,142A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/1024142A, Publication No. US20030199516A1 ; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative (
                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 83.3
Matches 10; Conservative
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LENGTH: 13
TYPE: DNA
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Sequence 400, Application US/10664423
; Sequence 400, Application US/10664423
; Sequence 400, DS20040096886A1
; GENERAL INFORMATION:
    APPLICANT: Rouleau, Guy A.
; APPLICANT: Rouleau, Consider, Banael
; APPLICANT: Rouleau, Bonael
; APPLICANT: Rouleau, Bonael
; APPLICANT: Rochefort, Daniel
; TITLE OF INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M.
TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSE OR TREAT EPILEPSY
; TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSE OR TREAT EPILEPSY
; FILE REFERENCE: GOUD:023USD 2.09-17
; PRIOR PILING DATE: 2003-10-124
; PRIOR PILING DATE: 1999-11-26
; PRIOR FILING DATE: 1999-11-26
; NUMBER OF SEQ ID NOS: 408
; SEQ ID NO 400
; SEQ ID NO 400
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Sequence 403, Application US/10664423

Sequence 403, Application US/10664423

Publication No. US20040096886A1

GENERAL INFORMATION:

APPLICANT: Rouleau, Guy A.

APPLICANT: Lafreniere, Ronald G.

APPLICANT: Rochefort, Daniel

APPLICANT: US/10664,423

CURRENT APPLICATION NUMBER: US/10/664,423

CURRENT FILING DATE: 2003-09-17

PRIOR APPLICATION NUMBER: 09/718,355

PRIOR APPLICATION NUMBER: 60/167,623

PRIOR APPLICATION NUMBER: 60/167,623

PRIOR APPLICATION NUMBER: 09/167,623

PRIOR APPLICATION NUMBER: 09/167,623

SOFTWARE OF SEQ ID NOS: 408

SOFTWARE PATENTIANT OF SECOND OF
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       PRIOR FILING DATE: 1999-11-26
NUMBER OF SEQ ID NOS: 408
SOFTWARE: Patentin version 3.1
SEQ ID NO 403
LENGTH: 13
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Matches 10; Conservative
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) ORGANISM: Homo sapiens
US-10-664-423-400
                                                                                                                                                                                TYPE: DNA
CORGANISM: Homo sapiens
US-10-664-422-403
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US-10-664-423-403
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US-10-664-422-400

Squence 400, Application US/10664422

Publication No. US20040096885A1

GENERAL INFORMATION:

APPLICANT: Rouledu, Guy A.

APPLICANT: Rochefort, Daniel

TITLE OF INVENTION: LOCY POR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M.

TITLE OF INVENTION: LOCY POR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND M.

TITLE OF INVENTION: LOCY POR IDIOPATHIC GENERALIZED EPILEPSY

TITLE OF INVENTION: LOCY POR 1DIOPATHIC GENERALIZED EPILEPSY

FILE REFERENCE: GOUD:023USD3

CURRENT FILING DATE: 2003-09-17

PRIOR PLING DATE: 2003-09-17

PRIOR FILING DATE: 1099-11-24

PRIOR FILING DATE: 1999-11-26

NUMBER OF SEQ ID NOS: 408

SQU ID NO 400

LENGTH: 13
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| Sequence 403. Application US/10664422
| Sequence 403. Application US/10664422
| Publication No. US20040096885A1
| Sequence 403. Application No. US20040096885A1
| GENERAL INPORMATION:
| APPLICANT: Lafreniere, Ronald G. APPLICANT: Rochefort, Danial B. APPLICANT: Rochefort, Danial C. INVENTION: LOCI FOR IDIOPATHIC GENERALIZED EPILEPSY, MUTATIONS THEREOF AND P. TITLE OF INVENTION: USING SAME TO ASSESS, DIAGNOSE, PROGNOSE OR TREAT EPILEPSY CURRENT APPLICATION NUMBER: US/10/664,422
| CURRENT FILING DATE: 2003-09-17 |
| PRIOR FILING DATE: 2000-11-24 |
| PRIOR FILING DATE: 2000-11-24 |
| PRIOR APPLICATION NUMBER: 60/167,623
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Pred. No. 2.4e+02;
0; Mismatches 2;
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
PRIOR PILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 212
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 13
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83.3%;
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Best Local Similarity 83.3
Matches 10; Conservative
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Matches 10; Conservative
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                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-130
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Best Local Similarity
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APPLICANT: Lawrence, Blatt
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, Macejak
APPLICANT: Dennis, McShidgen
APPLICANT: Dennis, Macejak
APPLICANT: Paride, Lee
APPLICANT: Paride, Lee
APPLICANT: Palabeth, Roberte
APPLICANT: Eliabeth, Roberte
APPLICANT: APPLICANTON NUMBER: US /10.669,841
CURRENT FILING DATE: 2001-00-22669,841
CURRENT FILING DATE: 2001-00-2669,841
CURRENT FILING DATE: 2001-00-2669,841
CURRENT FILING DATE: 2001-00-2669,841
CURRENT FILING DATE: 2001-00-2669,841
CURRENT APPLICANTON NUMBER: US 60/335,029
PRIOR FILING DATE: 2001-10-26
PRIOR PELLOR DATE: 2001-10-26
PRIOR PLILOR DATE: 2001-00-26
PRIOR PLILOR DATE: 2000-00-26
PRIOR PLILOR DATE: 2000-00-26
PRIOR PRIOR PAPLICATION NUMBER: US 80/310,332
PRIOR FILING DATE: 2000-00-26
PRIOR FILING DATE: 2000-00-36
PRIOR PLILOR DATE: 2000-
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                                                                                                                                   Score 8.8; DB 1; Length 13; Pred. No. 2.4e+02; 0; Mismatches 2; Indels
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12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 41.7%; Pred. No. 2.4e+02;
Matches 5; Conservative 5; Mismatches 2; Indels
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                                                                                                                                   Query Match
Best Local Similarity 83.3%;
Matches 10; Conservative
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; ORGANISM: Hepatitis B Virus
US-10-669-841-2379
                                                                                                                                                                                                                                                                              945 TGGTTTAATGTA 956
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; TYPE: DNA; CRGANISM: Homo sapiens US-10-664-423-403
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RESULT 445 US-10-669-841-2518 ; Sequence 2518, Application US/10669841

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APPLICANT: Renneth, Draper
APPLICANT: Factione, Leae
APPLICANT: Renneth, Draper
APPLICANT: Renneth, Draper
APPLICANT: Renneth, Draper
APPLICANT: Eliasabeth, Roberts
ITILE OF INVENTION: OLIGONUCLEGITED MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEPATITILE OF INVENTION: OLIGONUCLEGITED
TITLE OF INVENTION: UNRER: US/10/669,841
CURRENT APPLICATION NUMBER: US/10/669,841
CURRENT APPLICATION NUMBER: US/02/09187
PRIOR APPLICATION NUMBER: US 60/296,976
PRIOR APPLICATION NUMBER: US 60/396,976
PRIOR APPLICATION NUMBER: US 60/337,055
PRIOR PAPLICATION NUMBER: US 60/337,055
PRIOR PELING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: US 60/331,24
PRIOR PELING DATE: 2001-12-05-10
PRIOR APPLICATION NUMBER: US 60/331,24
PRIOR PELING DATE: 2001-13-05-11
PRIOR APPLICATION NUMBER: US 60/331,24
PRIOR PELING DATE: 2000-12-18
PRIOR PELING DATE: US 60/4331
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Pred. No. 2.4e+02;
6; Mismatches 2; Indels
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Publication No. US20040127446A1
                                                                                                             Lawrence, Blatt
Dennis, Macejak
James, McSwiggen
David, Morrissey
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Kenneth, Draper
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ACCESSION:AX760901
ACCESSION:AX784020
ACCESSION:BD19177
ACCESSION:A97831
ACCESSION:ARC63241
ACCESSION:ARC654824
ACCESSION:ARC66277
:BD009340
:BD095897
:AX736729
:AX359303
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:AX151166
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BRA31466
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BRA263480
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E 1 (bases 1 to 18)

S Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression

AL Patent: US 6007995-A 55 28-DEC-1999;

Location/Qualifiers

Location/Qualifiers
                                                                       M Unknown.

Unclassified.

E 1 (bases 1 to 18)

S Baker.B.F. and Cowsert,L.M.

Antisense inhibition of TNRR1 expression

AL Deatent: US 6007995-A 54 28-DEC-1999;

Location/Qualifiers

- 18 "...known" - nwA"
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Unclassified.

B 1 (bases 1 to 18)

S Baker,B.F. and Cowsert,L.M.

Antisense inhibition of TNFR1 expression

AL Patent: US 6007995-A 56 28-DEC-1999;

Location/Qualifiers

18 "....known"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1. .18
/organism="unknown"
/wol_type="unassigned DNA"
AR096383 18 bp
Sequence 54 from patent US 6007995.
AR096383
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Sequence 56 from patent US 6007995.
AR096385.1 GI:10025146
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                                         AR096383.1 GI:10025142
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Best Local Similarity
Matches 18; Conserv
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AR096384/c
LOCUS
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AR096385/c
LOCUS
DBFINITION
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JOURNAL
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ö PAT 08-SEP-2000 PAT 08-SEP-2000 PAT 08-SEP-2000 ö ö Gaps Gaps Gaps . 0 . 0 . 0 linear Query Match 24.7%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 15; Matches 18; Conservative 0; Mismatches 0; Indels Length 18; Length 18; 0; Indels 0; Indels Muchown.

Molassified.

E 1 (bases 1 to 18)

XS Baker,B.F. and Cowsert,L.M.

Antisense inhibition of TWR1 expression

AL Patent: US 6007995-A 57 28-DEC-1999;

Location/Qualifiers

18 1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007995-A 58 28-DEC-1999;
Location/Qualifiers 1; DNA 24.7%; Score 18; DB 100.0%; Pred. No. 15; Live 0; Mismatches 1. .18 /organism="unknown" /mol\_type="unassigned DNA" AR096386 18 bp 18 bp 18 AR096386 18 AR096386 1 GI:10025147 AR096388 18 bp Sequence 59 from patent US 6007995. AR096388 AR096388.1 GI:10025150 Sequence 58 from patent US 6007995. AR096387 AR096387.1 GI:10025148

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unidentified
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Best Local Similarity
Matches 18; Conserv
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BD217433/c
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AUTHORS
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Antisense modulation of TNFR1 expression
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/organism='Unidentified'
Location/Qualifiers
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                   1 (bases 1 to 18)
Baker, B.F. and Cowsert, L.M.
Antisense inhibition of TNFR1 expression
Patent: US 6007955-A 59 28-DEC-1999;
Location/Qualifiers
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/mol_type="unassigned DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD217432.1 GI:33027202
JP 2002519015-A/55.
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Conservative 0
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PC C12M15/00
CC Strandednes
CC Topology: L
CC Antisense T
FH Key
FT Source
          Unclassified.
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Matches 18; Conserv
Unknown.
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BD217431/c
LOCUS
DEFINITION
ACCESSION
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KEYWORDS
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LOCUS
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JOURNAL
FEATURES
ORGANISM
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AUTHORS
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JOURNAL
                      REFERENCE
                                  AUTHORS
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E Baker, B.F. and Cowsert, L.M.

S Baker, B.F. and Cowsert, L.M.
Antisense modulation of TNFR1 expression

I SIS PARANACEUTICALS INC

OS Unidentified

PD 02-501-2002

PP 17-011-1999 UP 2000557265

PR 26-010-1999 US 09/106038

PI BRENDA F BAKER, LEX M COWSERT

PC CALLS OF C
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PN JP 2002519015-A/56

PD 02-UL-2002

PF 17-UN-1998 US 09/106038

PI BRENDA F BAKER, LEX M COWSERT

PC CLINIS/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
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Topology: Linear;
Antisense modulation of TNFR1 expression
Location/Qualifiers
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Topology: Linear;
Antisense modulation of TNFR1 expression
Key
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Location/Qualifiers
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/organism='Unidentified'
Location/Qualifiers
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BD217433
BD217433.1 GI:33027203
Unidentified
Unidentified
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Unclassified
Unclassified
Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 56 02-JUL-2002;
ISIS PHARMACEUTICALS INC
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    .18
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/organism="unidentified"
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100.0%; Pred. No.
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Strandedness: Single;
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unidentified unclassified.
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OS Unidentified
PN 47920219015-A/58
PN 47920219015-A/58
PP 17-UUL-2002
PF 17-UUN-1999 JP 2000557265
PR 26-UUN-1998 US 09/106038
PI BRENDA F BAKER, LEX M COMSERT
PC 1201/69,
PC C1201/69,
PC C12015/00
CC Strandedness: Single;
CC Antisense modulation of TNFR1 expression
FH Key 1. Location/Qualifiers
FT source (Location/Qualifiers)
FT F Source (Location/Qualifiers)
FT FT FT FT FT FT (Location/Qualifiers)
FT FT FT FT (Location/Qualifiers)
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Unclassified.

Example 18)

RS Baker, B.F. and Cowsert, L.M.

Antisense modulation of TNFR1 expression

Antisense modulation of TNFR1 expression

Antisense modulation of Soc. Jul. 2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PD 02-Jul. -1999 JP 2000557265

PF 17-Jul. -1999 JP 2000557265

PF 26-Jul. -1999 JP 2000557265

PR 26-Jul. -1999 JP 2000557265

PR 26-Jul. -1999 JP 2000577265

PR 26-Jul. -1999 JP 2000577265

PR CIANIS/00, AGIR31/7105, AGIR31/711, AGIR48/00, AGIP29/00, AGIP43/00, PC

CI201/68,

PC CIANIS/00

CC Strandedness: Single;

CC Antisense modulation of TNFR1 expression

FH Key

Location/Qualifiers

FT Source

// organism='Unidentified'.
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Location/Qualifiers
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Topology: Linear;
Antisense modulation of TNFR1 expression
Key
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2002519015-A/59.
unidentified
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Best Local Similarity
Matches 18; Conserva
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Best Local Similarity
Matches 18; Conserva
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BD217436/c
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PD INTENDA F BAKER, LEX M COWSERT
C12015/09, A61K31/7105, A61K31/711, A61K48/00, A61P29/00, A61P43/00, PC
C12015/69,
PC C12N15/00
C Strandedness: Single;
CC Antisense modulation of TNFR1 expression
FF Key
Location/Qualifiers
FF Source Location/Qualifiers
FT F Source Location/Qualifiers
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                                                             Query Match 24.7%; Score 18; DB 1; Length 18; Best Local Similarity 100.0%; Pred. No. 15; Matches 18; Conservative 0; Mismatches 0; Indels
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/organism='Unidentified'
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4 BD217435.
5 BD217435.1 GI:33027205
5 Unidentified
6 unidentified
7 Unidentified
8 unidentified
9 unidentified
1 Unidentified
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JP 2002519015-A/57.

unidentified

unclassified.

(Dases 1 to 18)

Baker, B.F. and Cowsert, L.M.

Antisense modulation of TNFR1 expression
Patent: JP 2002519015-A 57 02-JUL-2002;

ISIS PHARMAGUTICALS INC

SU Unidentified

PN JP 2002519015-A/57

PD 02-JUL-2002

PF 17-JUN-1999 JP 2000557265

PR 26-JUN-1999 US 09/106038

PI BRENDA F BAKER, LEX M COWSERT
                                                                                                                                                                                                                                                                                               BD217434 18 bp DNA Antisense modulation of TNFR1 expression.
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Baker, B.F. and Cowsert, L.M.
Mutisense modulation of TNFR1 expression
Patent: JP 2002519015-A S8 02-JUL-2002;
ISIS PHARMACEUTICALS INC
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
    /mol_type="genomic DNA"
/db_xref="taxon:32644"
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BD217435/c
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21.1%; Score 15.4; DB 1; Length 20;
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Best Local Similarity 94.1:
Matches 16; Conservative
                          Unclassified.
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Unclassified.
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Methods for refolding proteins containing free cysteine residues
Patent: WO 0187925-A 3.6 Z-NOV-2001;
Bolder Biotechnology, Inc. (US)
Location/Qualifiers
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Candida albicans
Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomycetes;
Saccharomycetales; mitosporic Saccharomycetales; Candida.
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                                                                                                                                                                                                                                                                                                            /organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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/mol_type="unassigned DNA"
/db_xref="taxon:5476"
                                                                                      24 bp
Sequence 36 from Patent WO0187925.
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                                                                                                                                                                             synthetic construct artificial sequences.
              18 ATGTATCGCTACCAACGG
                                                                                                                                                                 synthetic construct
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Matches 20; Conserv
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AX306718
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 3066 20-MAY-2003;
Outloader 1:0 17)

Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Rethod and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 7257 12-PEB-2002;
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Detection of anti-hepatitis b drug resistance
Patent: WO 0104388-A 44 18-JAN-2001;
NOGENETICS N.V. (BE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3066 from patent US 6566127. AR325664
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21.1%; Score 15.4; I
Best Local Similarity 94.1%; Pred. No. 40;
Matches 16; Conservative 0; Mismatches
                                                                                                                                                              /organism="unknown"
/wol_type="unassigned DNA"
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/mol_type="unassigned RNA"
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Sequence 44 from Patent WO0104358..
AX076068
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PAT 29-MAR-1999

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PAT 06-FEB-2001

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Hepatitis B virus
Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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      linear
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Detection of anti-hepatitis b drug resistance
Patent: WO 0104358-4 42 18-JAN-2001;
INNOGENETICS N.V. (BE)
Location/Qualifiers
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88.2%; Pred. No. 54;
iive 1; Mismatches
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                                                                                                                              1 (bases 1 to 20)
Stuyver,L., Rossau,R. and Maertens,G. METHOD FOR TYPING AND DETECTING HBV PATENT: WO 9740199-A 135 30-OCT-1997; INNOGENETICS NV (BE)
20 bp D
Sequence 135 from Patent WO9740193.
A66968
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Patent: EP 1104811-A 37 06-JUN-2001;
INNOGENETICS N.V. (BE)
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Sequence 42 from Patent WO0104358.
AX076066
AX076066.1 GI:12710719

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    /db_xref="taxon:10407"

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/db_xref="taxon:32644"
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Sequence 37 from Patent EP1104811.
AXI03472
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                                                 A66968.1 GI:4538339
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Best Local Similarity 88.2
Matches 15; Conservative
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                                                                                unidentified
unidentified
unclassified.
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AX076066/c
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AX103472/c
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Remodeling of somatic nuclei upon addition of pluripotent cell
                      Gaps
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="texcn:32630"
/note="Synthetic oligonucleotide"
                    1,
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:22630"
/note="Synthetic oligonucleotide"
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                                                                                                                                                                                                                                                                                                                                                       Patent: WO 02097065-A 14 05-DEC-2002;
Intercytex Limited (GB)
Location/Qualifiers
   Pred. No. 46;
0; Mismatches
                                                                                                                                                               AX641907 23 bp
Sequence 14 from Patent WO02097065.
AX641907
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Sequence 14 from Patent WO03014337.
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AX707929.1 GI:29564000
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   Best Local Similarity 94.1%;
Matches 16; Conservative
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artificial sequences.
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artificial sequences.
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Matches 17, Conservative
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AX707929/C
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I bases I be a bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.
Viral variants and methods for detecting same
Patent: US 6555111-A 12 29-APR-2003;
Locarion/Qualifiers
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1 (bases 1 to 21)

Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and de Man, R.A.

Viral variants and methods for detecting same

Patent: US 655511A 16 29-APR-2003;

Location/Qualifiers
                                                                                                                                                        Unclassified.
1 (bases 1 to 21)
1411, "G. Lyamichev, V.I., Mast, A.L. and Brow, M. Ann.D.
Detection of nucleic acids by multiple sequential invasive
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Sequence 12 from patent US 6555311.
AR308294
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/organism="unknown"
/mol_type="unassigned DNA"
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AR308298
AR308298.1 GI:31699691
                                           AR089617
Sequence 83 from patent US 5994069.
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/mol_type="genomic DNA"
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AR308298/c
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AR089617
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AR308294
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Kaiser, M.W., Lyamichev, V.I. and Lyamichev, N.
Cleavage of nucleic acid acid using thermostable methoanococcus
jannaschii FEN-1 endonucleases
Patent: US 5843669-A 180 01-DEC-1998;
Location/Qualifiers
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Hepatitis B virus
Viruses, Retroid viruses, Hepadnaviridae, Orthohepadnavirus.
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20.5%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 1; Mismatches 1; Indels
                                                                                          Score 15; DB 1; Length 20;
Pred. No. 54;
1; Mismatches 1; Indels
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Patent: WO 0140279-A 37 07-JUN-2001;
INNOGENETICS N V. (BE)
Location/Qualifiers
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/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"
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/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"
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/mol_type="unassigned DNA"
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Sequence 37 from Patent WO0140279.
AX155625
Location/Qualifiers
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Hepatitis B virus
Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Best Local Similarity 81.0
Matches 17; Conservative
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AX029055/c
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AX555488
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20.0%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches 4; Indels
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Unclassified.
Unclassified.
I (bases I to 21)
Kaiser,M.W., Lyamichev,V.I. and Lyamicheva,N.
FEN-1 endonucleases, mixtures and cleavage methods
Patent: US 6562611-A 119 13-MAY-2003;
Location/Qualifiers
                                                                                 4; Indels
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Kaiser,M.W. Lyamichev,V.I. and Lyamicheva,N.
FEN-1 endonuclease, mixtures and cleavage methods
Patent: US 6553357-A 119 29-APR-2003;
Location/Qualifiers
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AR317104
AR317104.1 GI:33696340
                                                                                                                                                                                                 Sequence 119 from patent US 6555357. AR308973
                                                    Query Match 20.0%; Score 14.6; E
Best Local Similarity 81.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches
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/wol_type="genomic DNA"
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Eartholomeusz,A.I., Locarnini,S.A., Aye,T.T. and de Man,R.
Viral variants and methods for detecting same
Patent: WO 9821317-A 12 22-MAY-1999;
BARTHOLOMEUSZ ANGELINE INGRID (AU); LOCARNINI STEPHEN ALISTER (AU)
WESTERN HEALTH CARE NETWORK (AU); AYE THEIN THEIN (AU); MAN
ROBERT A DE (AU)

/organism="Hepatitis B virus"
/organism="Hepatitis B virus"
/mol_type="unassigned DNA"
/db_xref="taxon:10407"
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BARTHOLOMEUSZ ANGELINE INGRID (AU); LOCARNINI STEPHEN ALISTER (3 MESTERN HEALTH CARE NETWORK (AU); AYE THEIN THEIN (AU); MAN ROBERT A DE (AU)
Location/Qualifiers
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Hepatitis B virus
Viruses; Retroid viruses; Hepadnaviridae; Orthohepadnavirus.
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Pyrococcus wosesi
Archaeota, Euryarchaeota; Thermococcales;
Thermococcaceae; Pyrococcus.
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/organism="Hepatitis B virus"
/mol type="unassigned DNA"
/db_xref="taxon:10407"
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81.0%; Pred. No. 65;
ive 0; Mismatches
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Sequence 84 from Patent WO02070755.
AX555488
AX555488.1 GI:25898993
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Sequence 16 from Patent WO9821317.
AX029055
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Best Local Similarity
Matches 17; Conserv
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BD095897
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unclassified.

E | (bases 1 to 21)

S Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.

Viral variants and methods for detecting same

L Patent: UP 2001503277-A 12 13-MAR-2001;

NORTH WESTERN HEALTH CARE NETWORK

OS Hepatitis virus (hepatitis B virus)

PN JP 2001503277-A/12

PP 13-MAR-2001

PF 15-ANG-1997 JP 1996221944

PR 08-NOV-1996 AU PO 3519

PR NORTHOLOMEUSZ, PI

MINEYER ALISTER LOCARNINI, ANGELINE INGRID BARTHOLOMEUSZ, PI

MINEYER MAISTER LOCARNINI, ANGELINE INGRID BARTHOLOMEUSZ, PI
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1 (bases 1 to 21)
Locarnini, S.A., Bartholomeusz, A.I., Aye, T.T. and Man, R.A.D.
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ROBERT A DE MAN
C12N7/01,C12N7/00,C12N15/36,C12N15/54,C07K14/02 CC
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Location/Qualifiers
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Viral variants and methods for detecting same.
BD009340
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Viral variants and methods for detecting same.
BD009336
                                                           1. .21
/organism="Pyrococcus woesei"
/mol_type="unassigned DNA"
/db_xref="taxon:2262"
                Patent: WO 02070755-A 84 12-SEP-2002;
Third Wave Technologies, Inc. (US)
Location/Qualifiers
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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JP 2001503277-A/12.
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     Fen endonucleases
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BD009340/c
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I (bases 1 to 21)

(Cases 1 to 21)

Raiser,M.W., Lyamichev,V.I. and Lyamicheva,N.

E FEN-1 endonucleases, mixtures and cleavage methods

Patent: JP 2015.26.56.4 lit 18-DEC-2001;

THIRD WAVE TECHNOLOGIES INC

THIRD WAVE TECHNOLOGIES

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THEIN AXE,
ROBERT A DE MAN
C12N7/01, C12N7/00, C12N15/36, C12N15/54, C07K14/02
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llarity 81.0%; Pred. No. 65;
Conservative 0; Mismatches 4; Indels
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/organism="synthetic construct"
/mol type="genomic DNA"
/db_xref="taxon:32630"
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20.0%; Score 14.6; D.
Best Local Similarity 91.0%; Pred. No. 65;
Matches 17; Conservative 0; Mismatches
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/mol_type="genomic DNA"
/db_xref="taxon:32644"
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synthetic construct
synthetic construct
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Mon Oct 18 14:40:12 2004
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907 ATTITCTTIGGICTTIG 923
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18 TTTTCTTTGCTCTTTG 3
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synthetic construct
artificial sequences.
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AX202051/c
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AX151166/c
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                                            PAT 08-MAY-2003
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                                                                                                                                                 Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
1 (bases 1 to 20)
Wright,J.A. and Young,A.H.
Antitumor antisense sequences directed against ribonucleotide
                                                                                                                                                                                         Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A. 2319 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                            linear
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                                          AX736729 17 bp DNA
Sequence 2319 from Patent W003025177.
AX736729
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Sequence 134 from patent US 5996383.
AR093039.1 GI:10019791
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Location/Qualifiers
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Seguence 134 from patent US 6593305.
AR359541
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/organism="unknown"
                                                                                     AX736729.1 GI:30516017
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Homo sapiens
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AR093039/c
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1 (bases 1 to 20)
Wright,J.A.
Antitumor antisense sequences directed against R1 and R2 components
Antitumor antisense sequences of ribonuclectide reductase
of ribonuclectide reductase
Patent: US 6593305-A 134 15-JUL-2003;
Location/Qualifiers
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A new genotype of hepatitis b virus
Patent: WO 0138498-A. 55 31-MAY-2001;
Pharmasset, Inc. (US); INNOGENETICS N.V. (BE)
Location/Qualifiers
1. 20
/organism="synthetic construct"
/mol_type="unassigned DNA"
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/note="n = a or g"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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19.7%; Score 14.4; D
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches
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Cell isolation method
Patent: WO 013525-A 4 26-JUL-2001;
Genpoint AS (NO)
Location/Qualifiers
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Sequence 55 from Patent W00138498.
AXI51166.1 GI:14533340
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Sequence 4 from Patent WO0153525.
AX202051.
AX202051.1 GI:15391834
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Sequence 609 from Patent WO0183749.
AX298975

    .21
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Best Local Similarity 84.2%;
Matches 16; Conservative (
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Best Local Similarity
Matches 16; Conserv
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OC Artificial sequences.

PN JP 1998127286-A/13

PD 19-MAX-1998

PT ISHIKAWA TESTOYA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC C12N15/09, A61X31/70, A61X31/70, C07H21/04;

CC Strandedness: Single;

CC hypothetical: N;

CC hypothetical: N;

FH Key Location/Qualifiers

FT source / organism='Artificial sequences'.
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E15990.1 G1:5710673
Unidentified
SM unidentified
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SISHIGAMAT. Shigematsu.T. and Yamamoto.A.
OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
L Patent: 19T 1998127286-A 15 19-MAY-1998;
TERUMO CORP
OS None
OS Artificial sequences.
PN JP 1998127286-A/15
19.5%; Score 14.2; DB 1; Length 19; larity 84.2%; Pred. No. 70; Conservative 0; Mismatches 3; Indels
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Ishikawa,T., Shigematsu,T. and Yamamoto,A.
OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
Patent: JP 1998127286-A 13 19-MAY-1998;
TERUMO CORP
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84.2%; Pred. No. 73;
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Best Local Similarity 84.2
Matches 16; Conservative
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 Query Match
Best Local Similarity
Matches 16; Conserv
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E15990
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KEYWORDS
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JOURNAL
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E15988/c
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AUTHORS
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ö Bachmanov, A.A., Beauchamp, G.K., Chatterjee, A., de Jong, P.J., Li, S., Li, X., Ohmen, J.D., Reed, D.R., Ross, D. and Tordoff, M.G. Gene and sequence variation associated with sensing carbohydrate compounds and other waeteners Patent: WO 0183749-A 609 08-NOV-2001;
WARNER-LAMBERT COMPANY (US); The Monell Chemical Senses Center ò PAT 18-DEC-2003 PAT 26-NOV-2001 Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. PD 19-MAY-1998
PP 01-NOY-1996 JP 1996291499
PP 01-NOY-1996 JP 1996291499
PP 01-NOY-1996 JP 1996291499
PP 01-NOY-1996 JP 1996291499
C1 ISHIKAMA TETSUNA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC C12N15/09, A61K31/70, C07H21/04;
CC Strandedness: Single;
CC Strandedness: Single;
CC C Strandedness: Single;
CC C Hypothetical: No;
FF Key
FF F Source
FF F Source

//organism='Artificial sequences'. Gaps Gaps

18.9%; Score 13.8; DB 1; Length 20; 88.2%; Pred. No. 86; 2; Indels ive 0; Mismatches 2; Indels 950 TAATGTATCGCTACCAA 966 Query Match Best Local Similarity 88.2 Matches 15, Conservative 8

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Gaps

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20 TAATGTATCGCTAGAAA 4

Patent: WO 02068652-A 293 06-SEP-2002;

JOURNAL

FEATURES

Location/Qualifiers

AR162764 20 bp Sequence 87 from patent US 6258790. AR162764.1 GI:16230103 AR162764 LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS RESULT 47 AR162764

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Gaps

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3; Indels Length

19.5%; Score 14.2; DB 1; llarity 84.2%; Pred. No. 76; Conservative 0; Mismatches 3;

Query Match Best Local Similarity Matches 16; Conserv

909 TITCITIGGICTITGCCTT 927

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PAT 17-OCT-2001

Unknown. Unclassified. Unknown. ORGANISM SOURCE

1 (bases 1 to 20)
Bennett, C.Frank., Condon, T.P. and Cowsert, L.M.
Antisense modulation of integrin .alpha.4 expression
Patent: 18 6258789-A 87 10-UUL-2001;
Location/Qualifiers AUTHORS TITLE REFERENCE

PAT 06-FEB-2001

DNA

20 bp Sequence 43 from Patent WO0104358. AX076067

AX076067.1 GI:12710720

RESULT 45
AX076067/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

Hepatitis B virus Hepatitis B virus Viruses, Retroid viruses, Hepadnaviridae, Orthohepadnavirus.

Stuyver, L., Maertens, G. and van Geyt, C.
Detection of anti-hepatitis b drug resistance
Patent: WO 0104358-4 43 18-JAN-2001;
INNOGENETICS N.V. (BE)
Location/Qualifiers

1...20 /organism="Hepatitis B virus" /mol\_type="unassigned DNA" /db\_xref="taxon:10407"

source

FEATURES

AUTHORS TITLE JOURNAL

REFERENCE

JOURNAL FEATURES

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ò Query Match 18.6%; Score 13.6; DB 1; Length 20; Best Local Similarity 80.0%; Pred. No. 93; Matches 16; Conservative 0; Mismatches 4; Indels

RESULT 48

PAT 20-DEC-2002 20 bp 1 Sequence 11 from patent US 6465618. AR237433 GI:27282156 AR237433 LOCUS

Unknown. DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

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18.9%; Score 13.8; DB 1; Length 20; 88.2%; Pred. No. 86; 2; Indels cive 0; Mismatches 2; Indels

Query Match Best Local Similarity 88.2 Matches 15; Conservative

907 ATTITITITICATION 923

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17 ATTTCTTTGTCTCTG 1

AUTHORS REFERENCE

Unclassified.

1 (bases 1 to 20)
Nishida,E., Woriguchi,T. and Matsuzaki,O.
Mitogen activated protein kinase (MAPK) kinase
Patent: US 6465618-A 11 15-OCT-2002;
Location/Qualifiers TITLE JOURNAL FEATURES SOUTCE

PAT 24-NOV-2003

AX802031 20 bp DN Sequence 170 from Patent W003057913. AX802031.1 GI:38500955

DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE

JOURNAL

RESULT 46 AX802031/c LOCUS

1. .20
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Gaps .. 0 Query Match
18.6%; Score 13.6; DB 1; Length
Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches 4; Indels

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913 TITGGICTITGCCTTTTAIC 932

1 Triddicicitcicigidalc 20

RESULT 49 AR237439

Mabilat,C., Desvarenne,S., Babola,O., Lacroix,B. and bello Pigem,N. Method for the detection and/or identification of the original animal species in animal matter contained in a sample Patent: WO 05057913-A 170 17-JUL-2003; BIO MERIEUX (FR)

1..20 Corganism="Merluccius merluccius" /mol\_type="unassigned DNA" /db\_xref="taxon:8063"

Location/Qualifiers

Merluccius merluccius (European hake)
Merluccius merluccius
Merluccius merluccius
Meraryota; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Actinopterygii, Neopterygii; Teleostei; Euteleostei; Neoteleostei;
Acanthomorpha; Paracanthopterygii; Gadiformes; Merlucciidae;
Merluccius.

PAT 20-DEC-2002

20 bp 1 Sequence 17 from patent US 6465618. AR237439 AR237439.1 GI:2728216? DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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Gaps

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AB069480 20 bp DNA linear SYN 21-WAY-2003 Synthetic construct DNA, forward primer for human STS sts-STSG14187
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Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mall:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042; Fax:81-22-717-8047)
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A BAC-based STS-content map spanning a 35-Mb region of human
Description of Artificial Sequence:Synthetic DNA FH Location/Qualifiers
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Matches 16; Conservative 0; Mismatches
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Matches 16; Conservative 0; Mismatches
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Genomics 74 (1), 55-70 (2001)
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PC C12N15/00
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Griffals,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynuclectides and uses thereof
Patent: US 6559294-A 4603 06-MAY-2003;
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Patent: JP 2001321190-A 791 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
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                                   1 (bases 1 to 20)
Nishida,E., Moriguchi,T. and Matsuzaki,O.
Mitogen activated protein kinase (MAPK) kinase
Patent: US 6465618-A 17 15-OCT-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                       Sequence 4603 from patent US 6559294.
                                                                                                                                                                                   Score 13.6; D
Pred. No. 93;
0; Mismatches
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Best Local Similarity 80.0%; Pred. No. 93;
Matches 16; Conservative 0; Mismatches
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A method of arraying genome clone.
BD088547
                                                                                                                     1. .20
/organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
/mol_type="genomic DNA"
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JP 2001321190-A/791
20-NOV-2001
12-MAR-2001 JP 2001068285
EIICHI SOEDA
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Best Local Similarity 80.0'
Matches 16; Conservative
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AX643455/c
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: W0 02099999-4 318 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
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Homo sapiens (human)
Phemo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                         Gaps
                                                                             Kmiec,E.B., Gamper,H.B. and Rice,M.C.
Targeted chromosomal genomic alterations with modified single stranded oligonucleotides
Patent: WO 0173002.A 559 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 560 04-0CT-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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18.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 318 from Patent WO02099099.
AX644452
AX643452.1 GI:28551117
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Sequence 560 from Patent WO0173002.
AX263169
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artificial sequences.
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Matches 14; Conserva
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AX263169
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Penger, A., Sprenger, R. and Brinkmann, U.
Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: WO 02099998 321 112-DEC-2002;
Epidauros Biotechnologie AG (DE)
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Antisense modulation of SR-CYP expression
Patent: US 6475797-A 77 05-NOV-2002;
Location/Qualifiers
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Location/Qualifiers
1. .19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/db_xref="taxon:32630"
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                                                                                                                                                                                                                                                                                                                            Sequence 321 from Patent WO02099099. AX643455
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AR243627.1 GI:27290992
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Best Local Similarity 93.3%; Pred. No. 96;
Matches 14; Conservative 0; Mismatches
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/organism="unknown"
/mol_type="genomic DNA"
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artificial sequences.
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Gaps

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PP 10-FEB-1999 US 60/049763 PI MARGARET H BARON, SARAH P RARIENGTON, MARIA BELAOUSSOFF PC C12NS/00, A61K38/18, A61K48/00 CC PCR Primer Location/MARIA BELAOUSSOFF PC FF Key Location/MARIA FF SOURCE
                                                                                                                                                                                                                                                            BD069127 27-AUG-2002
Methods for modulating hematopoiesis and vascular growth.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PAT 25-JUN-2003
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
                                                                                                                                                                                                                                                                                                                                      unidentified
unclassified.
1 (bases 1 to 20)
Baron,M.H., Farrington,S.M. and Belaoussoff,M.
Methods for modulating hematopoiesis and vascular growth
Patent: JP 2001511650-A 12 14-AUG-2001,
THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE
ON Unidentified
PN JP 2001511650-A/12
PD 14-AUG-2001
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Pred. No. 1.1e+02;
0; Mismatches 3; Indels
                                                                                  Length 20;
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/organism='Unidentified'
Location/Qualifiers
                                                                                 18.1%; Score 13.2; DB 1; larity 83.3%; Pred. No. 1.1e+02; Conservative 0; Mismatches 3;
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Patent: WO 03040369-A 3263 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Sequence 3263 from Patent W003040369.
AX759942
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/db_xref="taxon:32644"
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Location/Qualifiers
                                                                                                                                               917 GTCTTTGCCTTTTATCCC 934
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Griffais,R., Hoiseth,S.K., Zagursky,R.J., Metcalf,B.J., Peek,J.A.,
Sankaran,B. and Fletcher,L.D.
Chlamydia pneumoniae polynuclectides and uses thereof
Patent: US 6559294-A 2716 06-MAY-2003;
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1 (Dases 1 to 19)
1 (Dases 1 to 19)
Tilscala-Timisjarvi, A.Kyllikki.
DNA-sequence-based diagnosis of mastitis from a milk sample Patent: US 5849488-A 15-DEC-1998;
Location/Qualifiers
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Sequence 2716 from patent US 6559294.
AR312179
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Fresco, J.R. and Johnson, M.D.
Triplex in-situ hybridization
Patent: US 6461810-A 29 08-OCT-2002;
Location/Qualifiers
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                                                      AR235530 18 bp
Sequence 29 from patent US 6461810.
AR235530
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Sequence 24 from patent US 5849488.
AR065137
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/mol_type="genomic DNA"
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                     899 CCCTGGTCATTTTCT 913
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Sus scrofa
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Matches 14; Conserv
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AX815830/c
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AX503034/c
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AX503035/c
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Polymorphisms in the human gene for cytochrome p450 polypeptide 2c8
and their use in diagnostic and therapeutic applications
Patent: W0 02099999-A 317 12-DEC-2002;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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17.8%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                     AX643451
Sequence 317 from Patent WO02099099.
AX643451
Location/Qualifiers
1. 17
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Sequence 320 from Patent W002099099,
AX644454
AX644454.1 GI:28551119
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ö ö PAT 27-SEP-2002 PAT 09-DEC-2003 PAT 27-SEP-2002 Homo sapiens Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Cetartiodactyla, Suina, Suidae, Sus Hardge,T., Schellander,K. and Wimmers,K.
Genetic markers for the diagnosis of the expression of inverted nipples in pets, breeding animals and domestic cattle Patent: WO 03066891-A 85 14-AUG-2003.
Foerderverein Blotechnologieforschung der deutschen Schweineproduktion e.V. (DE)
Location/Qualifiers Gaps ö ch 17.5%; Score 12.8; DB 1; Length 17; 1 Similarity 87.5%; Pred. No. 1.1e+02; 14; Conservative 0; Mismatches 2; Indels linear Query Match 17.8%; Score 13; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 1.1e+02; Matches 13; Conservative 0; Mismatches 0; Indels Human testis expressed patched like protein Patent: BP 122964-A 4341 07-AUG-2002; Aeomica, Inc. (US) Location/Qualifiers Sequence 4341 from Patent EP1229046.
AX503034 DNA AX815830 19 bp D Sequence 85 from Patent W003066891. AX815830 AX815830.1 GI:39646510 .19 /organism="Sus scrofa" /mol\_type="unassigned DNA" /db\_xref="taxon:9823" 1. .17 /organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

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AX760907.1 GI:3225523
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                          Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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Sequence 3716 from Patent W003025175.
AX732082
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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 Sequence 4342 from Patent EP1229046.
AX503035
AX503035.1 GI:23385328
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Homo sapiens
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AX734554
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
Telerman, A., Amson, R. and Tulinder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 0302517-A 144 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Unclassified.
1 (bases 1 to 18)
Bennett, C.Frank., Ackermann, E.J. and Cowsert, L.M.
Antisense modulation of cellular inhibitor of Apoptosis-2
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4228 from Patent W003040369.
AX760907
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Patent: US 5958771-A 36 28-SEP-1999,
Location/Qualifiers
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Sequence 36 from patent US 5958771.
AR076322
AR076322.1 GI:10003068
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AR372109/c
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188015/c
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Antisense modulation of expression of cellular inhibitor of apoptosis-2.

Matisense modulation of expression of cellular inhibitor of apoptosis-2.

BD234554.1 GI:33044324

JP 2002531102-4/36.

Synthetic construct

Synthetic construct

Antisense modulation of expression of cellular inhibitor of Antisense modulation of expression of cellular inhibitor of Patent: JP 2002531102-A 36 24-SEP-2002;

ISIS PHARMACEUTICALS INC

OS Artificial Sequence

PR 202531102-A/36

PR 202531102-A/36

PR 202531102-A/36

PR 202531102-A/36

PR 202531102-A/36

PR 202531102-A/36

PR 203-BEP-2002

PR 03-BEP-2002

PR 03-BEP-1999 UP 2000585449

PR 03-BEP-1999 UP 2000585449

PR 03-BEP-1999 UP 2000585449

PR 03-BEP-1998 US 09/205144

PI FRANK C BENNETT, ELIZABETH J ACKERMANN, LEX M COWSERT PC
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BD250632.1 GI:33060402
BD250632.1 GI:33060402
BD250632.1 GI:33060402
BD250632.1 GI:33060402
SW synthetic construct
artificial sequences.
E 1 (bases 1 to 18)
Brooks, D.G., Ohasi, C., Wyatt, J.R., Borchers, A.H. and Vikkars, T.A. Identification of genetic targets for modulation by oligonucleotides and generation of oligonucleotides for genemodulation.
Datent: JP 2002511276-A 186 16-APR-2002;
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   Length 18;
Query Match 17.5%; Score 12.8; DB 1; Length 1 Best Local Similarity 87.5%; Pred. No. 1.2e+02; Matches 14; Conservative 0; Mismatches 2; Indels
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BD250632
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                                                                                                                                                                   DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER H
ISIS PHARMACEUTICALS INC
OS Artificial Sequence
NN JP 200221276-A/186
PD 16-APR-2002
PF 13-APR-1999 JP 2000543647
PR 13-APR-1999 US 60/081483, 28-APR-1998 US 09/067638 PP
IEX M COWSERT, BRENDA F BAKER, JOHN MCNEIL, SUSAN M FREIER, HENRI M SASWOR,
PI DOUGLAS G BROOKS, CARA OHASI, JACQUELINE R WYATT, ALEXANDER I
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Unknown.
Unclassified.
1 (bases I too 18)
1 (bases I to 18)
Regan, J.W., Gil, D.W. and Woodward, D.F.
Nucleic acid encoding a novel human EP prostaglandin receptor
Nucleic acid encoding a novel human EP prostaglandin receptor
Patent: US 5716835-A 8 10-FEB-1998;
Location/Qualifiers
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Regan, J.W., Gil, D.W. and Woodward, D.F.
Nucleic acid encoding a human EP prostaglandin receptor
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Key

Location/Qualifiers

Location/Qualifiers

Location/Qualifiers
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Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels
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/mol type="genomic DNA"
/db_xref="taxon:32630"
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Sequence 8 from patent US 5716835.
188015.
188015.1 GI:3407955
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Sequence 8 from patent US 6395878.
AR372109.1 GI:34609391
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17 bp DNA Sequence 2022 from Patent W003025175. AX730388 AX730388.1 GI:30509731
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Patent: WO 03025176-A 4543 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                               Sequence 4344 from Patent EP1229046.
AX503037
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Best Local Similarity 92.9%
Matches 13; Conservative
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AX726856
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                 Unclassified.
Unclassified.
(Chases 1 to 19)
Cohen.D., Chumakov.I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 10295 25-WAR-2003;
Location/Qualifiers
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Human testis expressed patched like protein
Patent: EP 1229046-A 4343 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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17.5%; Score 12.8; DB 1;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 2;
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Sequence 4343 from Patent EP1229046.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Patent: US 6395878-A 8 28-MAY-2002;
Location/Qualifiers
                                      /organism="unknown"
/mol_type="genomic DNA"
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/organism="unknown"
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Best Local Similarity 92.9<sup>5</sup>
Matches 13; Conservative
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PAT 27-SEP-2002
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Mus musculus
Eukaryotai, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 4344 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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92.9%; Pred. No. 1.3e+02;
tive 0; Mismatches 1;
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PAT 08-MAY-2003

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03022177-A 2434 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 03025177-A 1869 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 2434 from Patent W003025177.
AX736844
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/organism="Homo sapiens"
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Homo sapiens
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Homo sapiens
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AX757324
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
  Homo sapiens
Memo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptocis and/or resistance to viruses and the use thereof as medicaments
Patent: WO 3032177-A 902 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                  Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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17.0%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 1869 from Patent W003025177.
AX736279
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Patent: WO 03025175-A 2022 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 902 from Patent WO03025177
AX735312
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

    17 .17 /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Homo sapiens
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PAT 25-JUN-2003

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Sequence 32 from patent US 5650553.
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AR177812
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
medicines
Patent: WO 03040169-A 2691 15-MAY-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 976 from Patent WO03040369.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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AX757655.1 GI:32252271
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Phillips,G., Cunningham,B.A. and Crossin,K.L.
Neurite outgrowth-promoting polypeptides containing fibronectin
type III repeats and methods of use
Patent: US 6313265-A 12 06-NOV-2001;
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Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 4671 from Patent W003040369.
                                                                                                                                                                                                                                                                                                                                 Parent: WO 03040369-A 4671 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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AR177812
AR177812.1 GI:17920167
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KEYWORDS

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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

I (bases 1 to 17)
Signates, J.E., Jordan, B., Housman, D.E. and Charest, A.
Methods and products related to genotyping and DNA analysis
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
OS Homo sapiens (human)
PN JP 2002525127-A/260
PD 13-AUG-2002
PR 2002525127-A/260
PP 2000572407
PR 25-SEP-1999 UP 2000572407
PR 25-SEP-1999 US 60/101757
PI JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC CLUM 27/00
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Stinchtcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 65 06-OCT-1998;
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         17.0%; Score 12.4; DB 1; Length 19; ilarity 92.9%; Pred. No. 1.4e+02; Conservative 0; Mismatches 1; Indels
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Sequence 65 from patent US 5817796.
AR045272
AR045272.1 GI:5966737
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Cohen, D., Chumakov, I. and Blumenfeld, M.

Biallelic markers for use in constructing a high density disequilibrium map of the human genome Patent: US 6537751-A 7250 25-MAR-2003;

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Ecker, J., Rotherberg, M., Lehman, A. and Roman, G.
Plant genes for sensitivity to ethylene and pathogens
Patent: US 5650553-A 32 22-UL-1997;
Location/Qualifiers
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17.0%; Score 12.4; DB 1; Length 18;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels
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Sequence 201 from Patent WO0190337.
AX317198
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                 Homo sapiens (human)
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Homo sapiens
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 5632 20-MAY-2003;
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Stinohoomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 65 08-JUL-1997;
              Query Match 16.7%; Score 12.2; DB 1; Length 17; Best Local Similarity 82.4%; Pred. No. 1.4e+02; Matches 14; Conservative 0; Mismatches 3; Indels
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Sequence 65 from patent US 5646042.
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/mol_type="unassigned DNA"
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/wol_type="unassigned RNA"
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.B. and Grupe, A. Method and reagent for the inhibition of calcium activated chloride channel 1 (clca-1)
Patent: WO 0211674-A 790 14-PEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: BP 1273660-A 487 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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82.4%; Pred. No. 1.4e+02;
cive 0; Mismatches 3;
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82.4%; Pred. No. 1.4e+02;
tive 0; Mismatches 3;
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                                                                                                                                                                                                           organism="Homo sapiens"
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Sequence 490 from Patent BP1273660.
AX648650
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/db_xref="taxon:9606"
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Score 12.2; DB 1; Length 17;
Pred. No. 1.4e+02;
0; Mismatches 3; Indels
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JP 2002509721-A/2203.
Homo sapiens (human)
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AX784020.1 GI:32951869
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03040369-A 4222 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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.larity 82.4%; Pred. No. 1.4e+02;
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Patent: WO 03025175-A 5840 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: EP 1273660-A 490 08-JAN-2003;
Acomica, Inc. (US)
Location/Qualifiers
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AX734206.1 GI:30513549
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Eukaryota, Metazoa; Chordata, Craniata, Vertebrata; Euteleostomi,
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

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E 1 (bases. 1 to 17)
E 2 (bases. 1 to 17)
E 2 (bases. 1 to 17)
E 3 (bases. 1 to 17)
E 4 (bases. 1 to 17)
E 5 (bases. 1 to 17)
E 6 (bases. 1 to 17)
E 7 (bases. 1 to 17)
E 8 (bases. 1 to 17)
E 8 (bases. 1 to 17)
E 9 (base HD199177 Teagent for treating diseases or conditions concerning molecule participating in Vasculogenic response. A61P29/00, oc A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC ö ô PAT 17-JUL-2003 Homo sapiens (human)
1P 200209721-A/2203
02-APR-2002
24-MAR-1999 JP 2000541291
27-MAR-1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. Gaps Gaps C12N5/00
Method and reagent for treating diseases or conditions concerning molecule ;; 0 ; Score 12.2; DB 1; Length 17; Pred. No. 1.4e+02; 0; Mismatches 3; Indels

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18 bp Dl Sequence 108 from patent US 6482588. AR254824.1 GI:27303872
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Unclassified.
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AR294187/c
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TYPE-SPECIFIC REVERSE HYBRIDIZATION
PATENT: WO 9914377-A 108 25-MAR-1999;
INNOGENETICS NV (8E); DELFTS DIAGNOSTIC LAB B V (NL)
Location/Qualifiers
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                                     /organism='Homo sapiens (human)'. Location/Qualifiers
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Patent: US 5844110-A 2 01-DEC-1998;
Location/Qualifiers
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participating in vasculogenic response
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/db_xref="taxon:32644"

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/organism="unknown"
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Sequence 108 from Patent W09914377.
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Sequence 2 from patent US 5844110.
AR063241
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/organism="Homo sapiens"
                                                                                                 /mol_type="genomic RNA"
/db_xref="taxon:9606"
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Quint, W. and Kleter, B.
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Matches 14; Conservative
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AR063241
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                                                                                                           Unknown.
Unknown.
Unclassified.
1 (base1.to.)
Van Doorn, L.J., Quint, W., Kleter, B. and TerSchegget, J.
Van Doorn, L.J., Quintidication of human papillomavirus by PCR and type-specific reverse hybridization
type-specific reverse hybridization
type-specific reverse hybridization
Fatent: US 6482588-A 108 19-NOV-2002;
Location/Qualifiers
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1 (bases 1 to 18)
Cowsert,L.M.
Antisense inhibition of cyclin D2 expression
Patent: US 6492173-A 89 10-DEC-2002;
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Sequence 5922 from patent US 6537751.
AR294187
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schultz1-899.rge

AUTHORS TITLE

PAT 15-MAY-2001

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Eukaryoča, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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/organism="Homo sapiens"
/mol type="unassigned DNA"
/db_xref="taxon:9606"
/note="Hammerhead ribozyme recognition site for cdc kinase"
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Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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                                                              Sequence 4232 from Patent W00130362.
AX133014
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IMMUSOL, INC. (US)
Location/Qualifiers
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Patent: WO 0130362-A 4232 03-MAY-2001;
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Location/Qualifiers
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Homo sapiens
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AX133014
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AX133017
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Unclassified.

(Dases 1 to 18)

Wang,A.M., Doyle,M.V. and Mark,D.F.
Quantitation of nucleic acids using the polymerase chain reaction
Patent: US 521977-A 64 15-JUN-1993,

Location/Qualifiers

1. .18

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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 637751-A 5922 25-WAR-2003;
Location/Qualifiers
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Cohen, D., Chumakov, I. and Blumenfeld, M.
Biallelic markers for use in constructing a high density disequilibrium map of the human genome
Patent: US 6537751-A 7176 25-MAR-2003;
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16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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AR363596.1 GI:34425416
                                                                                   1. .18
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/mol_type="genomic DNA"
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Beimfohr, C. and Snaidr, J. Method for specific fast detection of relevant bacteria in drinking
                                          Patent: WO 02102824-A 22 27-DEC-2002;
Vermicon AG (DE)
Location/Qualifiers
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Sequence 43 from Patent WO03004658.
AX708314
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Best Local Similarity 82.4<sup>§</sup>
Matches 14; Conservative
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                                                                                          Craniata; Vertebrata; Euteleostomi;
Catarrhini; Hominidae; Homo.
                                                                                                                                             Robbins, J.M. and Tritz, R. Ribozyme therapy for the treatment of proliferative skin and eye
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Detection and identification of human papillomavirus by pcr and type-specific reverse hybridization
Patent: EP 120771-A 108 02-MAY-2002,
INNOGENETICS N.V. (BE) ; Delfts Diagnostic laboratory B.V. (NL)
Location/Qualifiers
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/noTe="Hammerhead ribozyme recognition site for cdc
kinase"
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Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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IMMUSOL, INC. (US)
Location/Qualifiers
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Sequence 22 from Patent WO02102824.
AX659420
AX659420.1 GI:29161650
   Sequence 4235 from Patent WO0130362.
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Sequence 108 from Patent EP1201771.
5X409700
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                                                                                Homo sapiens
Eukaryota, Metazoa, Chordata,
Mammalia, Eutheria, Primates,
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A method for stimulating the immune system.

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JP 2002517434-A/140.

Homo sapiens (human)

IGM Homo sapiens (human)

IGM Homo sapiens (human)

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A method for stimulating the immune system

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A method for stimulating the immune system

B chlingensiepen, R. H., Schlingensiepen, R. and Brysch, W.

B schlingensiepen, R. H., Schlingensiepen, R. and Brysch, W.

B netent: JP 2002517434-A 140 18-UUN-2002.

B Homo sapiens (human)

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16.7%; Score 12.2; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 3; Indels
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/mol type="unassigned DNA"
/note="oligonucleotide"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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1 (bases 1 to 16)

Pavoo, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
McNod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 5670 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Brysch, W., Schlingensiepen, K.H. and Schlingensiepen, R. A method for stimulating the immune system Patent: WO 9963975-A 140 16-DEC-1999; Brochostis (DE); BRYSCH WOLFGARG (DE); SCHLINGENSIEPEN KARLHERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
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              16.4%; Score 12; DB 1; Length 15; 100.0%; Pred. No. 1.4e+02; ive 0; Mismatches 0; Indels
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Sequence 5670 from patent US
AR328268
AR328268.1 GI:33714076
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                                                                                                                        915 TGGTCTTTGCCT 926
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Unknown.
Unclassified.
I (bases 1 to 15)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 556127-A 4106 20-MAY-2003;
Location/Qualifiers
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-8 8450 12-FEB-2002;
Location/Qualifiers
PR 10-JUN-1998 EP 98110709.7,25-JUL-1998 EP 98113974.4 PI
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PC 00,A61P35/00.

PC A61P35/02,A61R37/02,C12N15/09,A61K37/02,C12N15/00 (

Method for stimulating the immune system to be provided to be p
                                                                                                                                                                                                                                /organism='Homo sapiens (human)'
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Sequence 4106 from patent US 6566127.
AR326704 GI:33712512
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Sequence 8450 from patent US 6346398.
AR192962
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/mol_type="unassigned DNA"

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    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

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AR322644
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Bscobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346598-A 1501 12-FEB-2002;
Location/Qualifiers
             AR186013.1 GI:20231978
                                                      Unknown.
Unclassified.
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1 (Dases 1 to 17)
Pavco,P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Mcthod and raegent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127-A 44 20-MAY-2003;
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Mathod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-4 45 20-MAY-2003;
Location/Qualifiers
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Sequence 44 from patent US 6566127.
AR322642.1 GI:33708450
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Sequence 45 from patent US 6566127.
AR322643.1 GI:33708451
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Unclassified.
1 (bases 1 to 17)
Pavoo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Pavoo,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vaccular endothelial growth factor receptor Patent: US 6346398-A 1499 12-FEB-2002;
Location/Qualifiers
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Pavco, P., McSwiggen, For the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1500 12-PEB-2002;
Location/Qualifiers
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Sequence 1500 from patent US 6346398.
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Sequence 1501 from patent US 6346398.
Sequence 1499 from patent US 6346398.
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Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
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Unknown.
Unclassified.
I (bases 1 to 17)
Pavco, P., McSviggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSviggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related US 6566127-A 424 20-MAY-2003;
Location/Qualifiers
                                                                                 Unknown.
Unclassified.
Inclassified.
I (bases I. 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
related to Sevels A. 20-MAY-2003,
Patent: US 6566127-A 46 20-MAY-2003,
Location/Qualifiers
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Sequence 2419 from Patent W003025176.
AX724732
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Sequence 4244 from patent US 6566127.
AR326842 GI:33712650
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Sequence 46 from patent US 6566127.
AR322644
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                                       AR322644.1 GI:33708452
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AR326842
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Unclassified.
1 (bases 1 to 18)
1 (bases 1 to 18)
Bennett, C.Frank., Condon, T.P. and Cowsert, L.M.
Bennett, C.Frank., Condon, T.P. and cowsert, L.M.
Antisense inhibition of integrin .alpha.4 expression
Patent: US 5968826-A 21 19-OCT-1999;
Location/Qualifiers
Location/Qualifiers
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1 (bases 1 to 18)
1 (bases would to not integrin .alpha.4 expression Patent: US 6258790-A 21 10-JUL-2001;
Location/Qualifiers
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Matches 12; Conservative 0; Mismatches 0; Indels
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16.4%; Score 12; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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16.4%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 0; Indels
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    .17
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15 bp | Sequence 323 from Patent EP0856579. A90142

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86.7%; Pred
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JP 2001511000-A/323.
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      PAT 17-JUL-2003
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3 A61P37/06,A61P43/00,C12N15/09,C12Q1/02,C12Q1/68,C12N15/00 CC
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PR 05-OCT-1998 US 09/166203
PI FRANK C BENNETT THOWAS P CONDON, LEX M COWSERT PC
C07H21/04, A61K31/7115, A61K31/712, A61K31/7125, A61K41/712 PC
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                            DE227759.1 G1:33037529

BD227759.1 G1:33037529

JP 200256555-A/21.

Synthetic construct

artificial sequences.

I (bases I to 18)

Bennett, F.C., Condon, T.P. and Cowsert, L.M.

Antisense medulation of integrin alph 4 expression

Patent: JP 200256555-A 21 20-AUG-2002;

S Artificial Sequence

PN JP 2002526555-A 21

SIS PHARMACEUTICALS INC

S Artificial Sequence

PN JP 2002526555-A 21

PD 20-AUG-2002
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/organism='Artificial Sequence'
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICOMUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 323 06-AUG-1998;
BICGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers

    .18
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Sequence 323 from Patent WO9833904.
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      18 bp
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S Schlingensiepen, K.H. and Brysch, W.
S Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Datem: JP 2001511000-A 323 07-AUG-2001,
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
ON JUNIOWA
PN JP 2001511000-A/323
PN JP 2001511000-A/323
PP 31-JAN-1997 EP 97101531.8
PI SARL HERNANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
PC CLANIS/11, COTHZ1/04, A61KZ1/70
CC An antisense oligonucleotide preparation method FH Ke
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31-JAN-1997 EP 97101531.8
XARL HERMANN SCHLINGENSIEBEN, WOLFGANG BRYSCH
C12N15/11, C07H21/04, A61K31/70
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Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 323 05-AUG-1998;
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Pred. No. 1.5e+02;
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86.7%; Pred. No. 1.5e+02;
tive 0; Mismatches 2;
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Query Match 16.2%; Score 11.8; DB 1; Length 17; Best Local Similarity 86.7%; Pred. No. 1.6e+02; Matches 13; Conservative 0; Mismatches 2; Indels
protein
Patent: US 6140078-A 8 31-OCT-2000;
Location/Qualifiers
1. .17
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unclassified.

"Class Salition"
unclassified.

"E 1 (bases 1 to 17)
"S Ledeboer, A.M., Kok, J., Venema, G. and Sanders, J.W.

SALT-INDUCIBLE PROMOTER DERIVABLE FROM A LACTIC ACID BACTERIUM, AND ITS USE IN A LACTIC ACID BACTERIUM FOR PRODUCTION OF A DESIRED PROTEIN

PROTEIN
PROTEIN
DILICATION/Qualifiers
UNILEVER PLC (GB)

Location/Qualifiers

1. 17

urce /organism="unidentified"
/mol type="unassiged DNA"
/db_xref="taxon:32644"
/clone="PRIMER NS3-10"
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Unclassified.
1 (bases 1 to 17)
Sanders,J.W. Kok,J., Venema,G. and Ledeboer,A.M.
Salt-inducible promoter derivable from a lactic acid bacterium, and its use in a lactic acid bacterium for production of a desired
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                                                                                    M Unclassified.
Unclassified.
E 1 (bases 1 to 16)
S Eckstein,F., Ludwig,J. and Beigelman,L.
Nucleic actalysts with endomuclease activity
AL Patent: US 6656731-A 303 02-DEC-2003;
Location/Qualifiers
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16.2%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                              linear
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    AR436044 16 bp R:
Sequence 303 from patent US 6656731.
AR436044.1 GI:40199128
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Sequence 8 from patent US 6140078.
AR117158 GI:14098064
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Sequence 8 from Patent W09810080.
A70341 GI:4774634
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AR117158
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Regulation of repressor genes using nucleic acid molecules. BD255598 BD255598 BD255598 GENESSES BD255598 GENESSES BD259598.1 G
BD244486 17 bp DNA linear PAT 17-JUL-2003
New triplex forming oligonucleotides and their use in anti-HBV.
BD244486.1 GI:33054256
JP 200211384-A/4.
synthetic construct
synthetic construct
artificial sequences.
1 (bases 1 to 17)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New triplex forming oligonucleotides and their use in anti-HBV Detent: JP 2002511384-A 4 16-APR-2002; SHANGHAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES OF Artificial Sequence PN JP 2002511384-A/4 PD 16-APR-2002 PF 19-OCT-1998 DF 2000516982 PR 21-OCT-1997 CN 97 1 06667.1 PR 21-OCT-1997 CN 97 1 06667.1 PC AGINS1/711.A6IK48/00.A6IP31/20.C12N15/00 CC Description of Artificial Sequence: Triplex forming CC oligonucleotide CC This oligo may or may not be 3'-monophosphorylated FH Key
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Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 7391 10-DEC-2002;
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16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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l (bases 1 to 17)
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vaccular endothelial growth factor receptor
Patent: US 6566127-A 419 20-MAY-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
16.2%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2;
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/organism="synthetic construct"
/mol_type="unassigned RNA"
/db_xref="taxon:32630"
/noTe="Nucleic Acid"
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/wol_type="unassigned RNA"
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Sequence 2837 from Patent WO0159103.
AX217395.1 GI:15527456
                                                                                                                                                                                                                                                                                                                                        Sequence 2836 from Patent WO0159103. AX217394
                                                                                                              /organism="unknown"
/mol_type="unassigned RNA"
                                                                                   Location/Qualifiers
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artificial sequences.
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1 (bases 1 to 17)
Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6346398-A 1874 12-FEB-2002;
RIBOZYME PHARMACEUTICALS INC
OS BULAIYOCE
DY 202541795-A/7391
PD 10-DEC-2002
PF 11-APR-2000 UP 2000611654
PR 12-APR-1999 US 60/129390
PI LAWRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO,JAMES MCSWIGGEN ICLINIS/09,A61K38/00,A61K48/00,A61P43/00,AC1205/10, PC C12P2/10,
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16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Sequence 1874 from patent US 6346398.
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/mol_type="unassigned DNA"
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    .17
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/db_xref="taxon:32644"

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AR186386.1 GI:20232351
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Best Local Similarity 86.7
Matches 13; Conservative
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AR323017
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                                                          Gaps
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Method and reagent for the modulation and diagnosis of cd20
mogo gene expression
Patent: WO 0159103-A 2836 16-AUG-2001;
RIBOZYME PARRAMCEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
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Patent: WO 0159103-A 2837 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US)
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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ch 16.2%; Score 11.8; DB 1; Length 17; 1. Similarity 86.7%; Pred. No. 1.6e+02; 13; Conservative 0; Mismatches 2; Indels
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/db\_xref="taxon:32630" /note="Nucleic Acid"

ACCESSION VERSION KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

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source

RESULT 144 AX217974 LOCUS DEFINITION

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17 TGGTCTTTGACTTGT 3

g

linear PAT 17-JUL-2003

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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16.2%; Score 11.8; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.66+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Patent: WO 03050284-A 775 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                  Human prostate cancer candidate protein 1
Patent: WO 03050284-A 774 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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                               AX782443 17 bp DNA Sequence 774 from Patent WO03050284. AX782443.1 GI:32950292
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Sequence 776 from Patent WO03050284.
AX782445
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Homo sapiens
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AX782444/c
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RESULT 146
AX782443/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                  Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Pactent: WO 0159103-4 3416 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
1. .17
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//note="Nucleic Acid"
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Query Match 16.2%; Score 11.8; DB 1; Length 17; Best Local Similarity 86.7%; Pred. No. 1.6e+02; Matches 13; Conservative 0; Mismatches 2; Indels
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Human testis expressed patched like protein
Patent: EP 1229046-A 4340 07-AUG-2002;
Aeomica, Inc. (US)

Location/Qualifiers
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Sequence 3416 from Patent WO0159103.
AX217974
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synthetic construct
artificial sequences.
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Homo sapiens
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

TITLE JOURNAL

FEATURES

REFERENCE AUTHORS

RESULT 145 AX503033/c LOCUS

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linear PAT 17-JUL-2003

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PAT 17-JUL-2003

linear

PAT 17-JUL-2003

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RESULT 149

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S BLZ0134.1 GI:33011117
S DEZ01347.1 GI:33011117
S DEZ01347.1 GI:33011117
S DEZ01347.1 GI:33011117
S DEZ01369721-A/4373.
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammaliai, Eutheria; Primates; Catarrhini; Hominidae; Homo.

E Dases 1 to 17)
Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

NEBOZYME PHARMACEUTICAE. INC
OS Homo sapiens (human)
PN JP 2002509721-A/4373
PD 02-AFR-2002
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PI JAMEA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC CIZNIS, ON AGIP3/10, AGIP1/06, PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 729/00,
A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
                                                 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD201347
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1 (Dases 1 to 18)
Cowsert,L.M., Bennett,C.Frank. and O'Malley,B.W. Antisense modulation of SRA expression
Patent: US 6107092-A 72 22-AUG-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
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participating in vasculogenic
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Sequence 72 from patent US 6107092.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 17)

85 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response
MD Patent: JP 200250971-A 4372 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN 12 200250971-A/4372
PP 24-MAR-1999 UP 2000541291
PR 27-MAR-1999 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
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27-MAR-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Method and reagent for treating diseases or conditions concerning molecule participating in Vasculogenic response.
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                                                                                                                                                                                                                                                                                  16.2%; Score 11.8; DB 1; Length 17; 86.7%; Pred. No. 1.6e+02; ive 0; Mismatches 2; Indels
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                                                                                                 Human prostate cancer candidate protein 1
Patent: WO 03050584-A 776 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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86.7%; Pred. No. 1.6e+02;
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JP 2002509721-A/4372.
Homo sapiens (human)
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                                                                             Guo, J.
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16.2%; Score 11.8; DB 1; Length 18; 86.7%; Pred. No. 1.7e+02; Query Match Best Local Similarity

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PAT 22-JAN-2001

Matches

AR156048/c LOCUS DEFINITION

RESULT 152

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ACCESSION VERSION KEYWORDS SOURCE

AUTHORS TITLE JOURNAL FEATURES

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Lawn,R.M., Wade,D., Oram,J.F. and Garvin,M.
Atp binding cassette transporter protein abcl polypeptides
Patent: WO 0078971-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
Location/Qualifiers
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Unclassified.

1 (bases 1 to 18)

2 (ben.D. Chumakov,I. and Blumenfeld,M.
Biallelic markers for use in constructing a high density
disequilibrium map of the human genome
Patent: US 6537751-A 6620 25-MAR-2003;
Location/Qualifiers
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86.7%; Pred. No. 1.7e+02;
iive 0; Mismatches 2; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="teaxon:32630"
/noTe="ABC1 sequencing primer"
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| /mol_type="unassigned DNA"
| /db xref="texon:32630"
| /note="ABC1 sequencing primer"
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Regulation with binding cassette transtent: WO 0078972-A 40 28-DEC-2000;
CV THERAPEUTICS, INC. (US)
Location/Qualifiers
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Sequence 40 from Patent WO0078971.
AX060931.
AX060931.1 GI:12406306
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Sequence 40 from Patent WO0078972.
AXO60752
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/wol_type="genomic DNA"
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AX060931
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                                                                                                                                                                                                                                          Unknown.
Unclassified.
Unclassified.
1 (bases 1 to 18)
Grossnikkaus, U and Vielle-Calzada, J.-P.
Grossnikkaus, U and Vielle-Cap gene and methods of use for same Seed specific polycomb group gene and methods of use for same Patent: US 6239327-A 21 29-MAY-2001;
Location/Qualifiers
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Unclassified.
Unclassified.

1 (Dases 1 to 18)
Baker,B.F., Cowsert,L.M., Monia,B.P. and Xu,X.S.
Antisense modulation of expression of tumor necrosis factor receptor-associated factors (TRAFS)
Patent: US 6399297-A 154 04-UUN-2002;
Location/Qualifiers
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Sequence 6620 from patent US 6537751.
AR294885
AR294885.1 GI:31682169
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Sequence 154 from patent US 6339297.
AR211241.1 GI:21514511
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Sequence 21 from patent US 6239327.
AR156048
 Mismatches
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AR294885
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Patent: WO 03044226-A 417 30-MAY-2003;
Epigenomics AG (DE)
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/organism="synthetic construct"
/mol type="unassigned DNA"
/db_xref="taxon:32630"
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/or_lype="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Detection oligonucleotide
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86.7%; Pred. No. 1.7e+02;
tive 0; Mismatches 2;
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Sequence 417 from Patent WO03044226.
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Best Local Similarity 86.73
Matches 13; Conservative
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Best Local Similarity 86.7<sup>3</sup>
Matches 13; Conservative
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AX767770
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Parent: WO 02077272-A 720 03-OCT-2002;
Epigenomics AG (DE)
                                                                                                                                                                                                                                                                                                                                                                             Berlin, K., Braun, A., Distler, J., Guetig, D., Howe, A., Mueller, J., Olek, A., Piepenbrock, C., Adorjan, P., Grabs, G., Lesche, R., Leu, B., Lewin, A., Lipscher, E., Maier, S., Model, F., Mueller, V., Otto, T., Pelet, C. and Ziebarth, H. Mer, G. Maid Siebarth, H. Methods and nucleic acids for the analysis of hematopoietic cell
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/db_xref="taxon:32650"
/noTe="Detection oligonucleotide for CDKN2a"
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/mol type="unassigned DNA"
/db xref="taxon:32650"
/noTe="Detection oligonucleotide for CDKN2a"
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Query Match
16.2%; Score 11.8; DB 1;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2;
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Patent: WO 02077272-A 719 03-OCT-2002;
Epigenomics AG (DE)
                                                                                                                                                                                                      Sequence 719 from Patent WO02077272. AX599379
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AX599379
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AX599380
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BD225019
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JP 2002526095-A/154.
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               PAT 04-OCT-2003
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Method and nucleic acids for the analysis of a lung cell proliferative disorder
Patent: WO 03052135-A 585 26-JUN-2003;
Epigenomics AG (DE)
Location/Qualifiers
                                                                                                                                               Burger,M., Field,J.K., Genc,B., Liloglou,T., Lipscher,E., Maier,S. and Nimmrich,I.
Method and nucleic acids for the analysis of a lung cell
Method and nucleic acids for the Parents of a lung cell
Parents WO 03052135-A 584 26-JUN-2003;
Epigenomics AG (DE)
Location/Qualifiers
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/organism="synthetic construct"
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/db_xref="taxon:32630"
/note="Detection oligomucleotide for CDKN2a"
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Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                             16.2%; Score 11.8; DB 1; Length 18; 86.7%; Pred. No. 1.7e+02; ive 0; Mismatches 2; Indels
                 linear
              AX796241 18 bp D1
Sequence 584 from Patent WO03052135.
AX796241. GI:37516907
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Sequence 585 from Patent W003052135.
AX796242
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synthetic construct
artificial sequences.
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synthetic construct
artificial sequences.
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synthetic construct
synthetic construct
artificial sequence.

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Baker. B.F., Cowsert, L.M., Monia, B.P. and Xu, X.S.

Antisense modulation of expression of tumor necrosis factor receptor-associated factor (TRAF)

Patent. JP 2002526095-A 154 20-AUG-2002;

ISS PHARMACEUTICALS INC
OS Artificial Sequence
ON JP 2002526095-A/154

PD 20-AUG-2002
PP 05-OCT-1999 UP 2000574546

PR 06-OCT-1999 UP 2000574546
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Direct Submitted (14-JUN-1994) C. Eng, University of Cambridge, Dept of
Pathology, Tennis Court Road, Cambridge CB2 1QP, UK
Location/Qualifiers
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Location/Qualifiers
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H.sapiens Ret Proto-Oncogene, Intron 11 (3').
X79751
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/organism="synthetic construct"
/mol type="genomic DNA"
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intron, ret gene; ret proto-oncogene.
Homo sapiens (human)
Homo sapiens
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/mol_type="genomic DNA"
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/db_xref="taxon:9606"
/chromosome="10"
/map="q11.2"
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/gene="RET"
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/gene="RET"
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Species specific detection method for trichosporon and novel
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C12N15/09,C12Q1/04,C12Q1/68//(C12N15/09,C12R1:645),C12N15/00, PC
(C12N15/00,C12R1:645)
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S Takashi,S., Akemi,N. and Takako,S.
S Takashi,S., Akemi,N. and Takako,S.
Takashi,S., Akemi,N. and Takako,S.
Takashi,S., Akemi,N. and Takako,S.
Speciales-specific detection method for trichosporon and novel polymucleotide
Datent: JP 2000060564-A 96 29-FEB-2000,
IATRON IAB INC
OS Trichosporon aquatile
RN JP 2000060564-A/96
PP 29-FEB-2000
PF 24-AUG-1998 JP 1998237060
PR TAKASHI SUGITA,AKEMI NISHIKAWA,TAKAKO SHINODA PC
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Stainchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R. Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 77 04-FEB-1997;
                                                                                                                  E32328.1 GI:13022244
JP 2000060564-A/96.
Trichosporon aquatile
Trichosporon aquatile
Trichosporon aquatile
Eukaryota, Fungi, Basidiomycota, Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
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Location/Qualifiers
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    15
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Sequence 77 from patent US 5599706.
I35109
I35109.1 GI:2088077
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Telerman, A., Amson, R. and Tuijnder, M. Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as
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Hiatt. A.C. and Rose.F.D.
De novo polymucleotide synthesis using rolling templates
Patent: US 6136568-A 57 24-OCT-2000;
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                                                             Query Match
16.2%; Score 11.8; DB 1; Length 18;
Best Local Similarity 86.7%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 2; Indels
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Patent: WO 03025176-A 1929 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                  AX724242 Sequence 1929 from Patent WO03025176.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Mus musculus"
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/db_xref="taxon:10090"
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Sequence 57 from patent US 6136568.
AR135855 AR135855.1 GI:14476527
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                                                                                                                                                                                                                                                                                                                                                                               Mus musculus (house mouse)
Mus musculus
/note="3' end"
/number=11
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Best Local Similarity 92.3
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Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Logate to 125103-4.
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers

i. 17
/organism="synthetic construct"
/mol type="unassigned RNA"
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/note="Nucleic Acid"
                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                            Unknown.
Unclassified.
Unclassified.
L(bases 1 to 15)
Stinchcomb, D.T., McSwiggen, J., Newton, R.S. and Ramharack, R.
Ribozymes targeted to apo(a) mRNA
Ribozymes targeted to apo(a) mRNA
Patent: US 5599706-A 78 04-FEB-1997;
Location/Qualifiers
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Sequence 3202 from Patent WO0159103.
AX217760
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Sequence 2835 from Patent WO0159103.
AX217393. GI:15527454
                                     15 bp 1
Sequence 78 from patent US 5599706.
135110
135110.1 GI:2088078
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/mol_type="unassigned DNA"
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Expersicon (Tracheophyta, Embryophyta, Tracheophyta, Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots, asterids, lamiids, Solanales, Solanaceae, Solanum, Lycopersicon.
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Lycopersicon (tomato)
Lycopersicon esculentame, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
asterids, lamiids, Solanales, Solanaceae, Solanum, Lycopersicon.
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Targeted chromosomal genomic alterations in plants using modified
single stranded oligonucleotides
Patent: WO 0192512-A 584 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Kmiec,E.B., Gamper,H.B., Rice,M.C. and Kim,J.
Targeted chromosomal genomic alterations in plants using modified single stranded oligonucleotides
Patent: WO 0192512-A 583 66-DEC-2001;
UNIVERSITY OF DELAWARE (US)
Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3202 16-AUG-2001;
RIBOZYME PHARMACEUTIALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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1. 17
/organism="Lycopersicon esculentum"
/mol type="unassigned DNA"
/db_xref="taxon:4081"
                                                                                                                                                                                                     DNA
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Sequence 583 from Patent WO0192512.
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Sequence 584 from Patent WO0192512.
AX324446
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AX673373.1 GI:29331721
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Homo sapiens
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                  930 ATCCCTCCTCTTC 942
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                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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                            /organism="Lycopersicon esculentum"
/mol_type="unassigned DNA"
/db_xref="taxon:4081"
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Human testis expressed patched like protein
Patent: EP 1229046-A 4345 07-AUG-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 4345 from Patent EP1229046.
AX503038
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/mol_type="unassigned DNA"
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Location/Qualifiers
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AUTHORS
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                                                                                                                                                                               Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1;
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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AX673373 17 bp DNA Sequence 1818 from Patent W003004526. AX673373

    17 .17 /organism="Homo sapiens"
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/db_xref="taxon:9606"

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Homo sapiens
Eukaryota; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente and 27-MAR-2003;
Patent: WO 03025177-A 1183 27-MAR-2003;
Molecular Enginee Laboratories (FR)
Location/Qualifiers
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                                                                    Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5325 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels
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Sequence 1183 from Patent W003025177.
AX735593 1 GI:30514870
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Homo sapiens
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AX737863/c
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AX735593
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                    PAT 08-MAY-2003
                                                                                                                                           Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03025175-A 3119 27-MAR-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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                      linear
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Patent: WO 03025176-A 2172 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                      AX724485
Seguence 2172 from Patent WO03025176.
AX724485
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                                                                                                                                                                                                                                                                                                                                                                         /organism="Mus musculus"
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/db_xref="taxon:10090"
                                                                                                                      Mus musculus (house mouse)
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AX731485.1 GI:30510828
                                                                              AX724485.1 GI:30503828
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92.3%;
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4 CCTCATCTTCATT 16
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Best Local Similarity 92.33
Matches 12; Conservative
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AX733691
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    AX724485
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AX731485/c
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo
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Sequences involved in tumoral suppression, tumoral reversion,
apoptosis and/or viral resistance phenomena and their use as
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Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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92.3%;
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Best Local Similarity 92.34
Matches 12; Conservative
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AX759010/c
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicaments.
Patent: W0 30302177-A 4367 27-MAR-2003,
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Location/Qualifiers
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                                                                                                                                                                            15.6%; Score 11.4; DB 1; Length 17; llarity 92.3%; Pred. No. 1.9e+02; Conservative 0; Mismatches 1; Indels
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thereof as medicaments
Patent: WO 03025177-A 3453 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                AX738777 17 bp DNA Sequence 4367 from Patent W003025177.
                                                                                1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Matches 12; Conserv
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Best Local Similarity
Matches 12; Conserv
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AX739420/c
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BD199174 linear PAT 17-JUL-2003
Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
BD199174.1 GI:33008944
BD199174.1 GI:33008944
HDMO sapiens (human)
HOMO sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 17)
Pavco, P. A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J. A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear PAT 17-JUL-2003
                                                                        Homo sapiens (human)
Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidee; Homo.
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Human prostate cancer candidate protein 1
Patent: WO 03050284-A 773 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                    Human prostate cancer candidate protein 1 Patent: WO 03050284-A 772 19-UUN-2003, Amersham Biosciences (SV) Corp. (US) Location/Qualifiers
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/db_xref="taxon:9606"
 Sequence 772 from Patent WO03050284
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                                     AX782441.1 GI:32950290
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
medicines. Wo 0.3040369-A. 5.734 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
                                                                                                                                                                                                                                                                                               Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in tumoral suppression, tumoral reversion, apoptosis and/or viral resistance phenomena and their use as medicines
Patent: WO 0.3040369-A 4794 15-MAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 1.9e+02;
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 92.3%;
Matches 12; Conservative
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Homo sapiens
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 3 TCTTTGGTCTTGG 15
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JP 2002509721-A/2202
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JP 2002509721-A/2202.
Homo sapiens (human)
Homo sapiens
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Best Local Similarity 92.3%;
Matches 12; Conservative C
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Best Local Similarity 92.3%;
Matches 12; Conservative
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BD199175. BD199175. I GI:33008945
JP 2002509721-A/2201.
Homo sapiens (human)
                                                               Homo sapiens (human)
JP 2002509721-A/2200
02-APR-2002
24-WAR-1999 JP 2000541291
27-WAR-1999 US 60/079678
PAMELA A PAVCO ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
                                                                                                                                                                                                                A61P29/00,
C A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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                                                                                                                                                                                                C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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1 (bases 1 to 17)

1 (bases 1 to 17)

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 2201 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC
 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patent: JP 2005509721-A 2200 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
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                                                                                                                                                                                                                                                                                concerning molecule
participating in vasculogenic response
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/organism="Homo sapiens"
/mol_type="genomic RNA"
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BD200682 117 bp RNA linear PAT 17-JUL-2003 Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response.

BD200682.1 GI:33010452
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27-Mär-1998 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
JAMES A MCSWIGGEN
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1 (Dases 1 to 17).

Pavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning Patticipating in vasculogenic response
Patent: JP 2002509721-A 2222 02-APR-2002;
RIBOZYME PHARMACEUTICALS INC
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                                                                                                                    Score 11.4; DB 1; Length 17; Pred. No. 1.9e+02; 0; Mismatches 1; Indels
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Pred. No. 1.9e+02;
0; Mismatches 1; Indels
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Key Location/Qualifiers
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1. .17
/organism="Homo sapiens"
                                                 /mol_type="genomic RNA"
/db_xref="taxon:9606"
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                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

The Characters of Chordata; Catarrhini; Hominidae; Homo.

The Characters of Chordata; Catarrhini; Hominidae; Homo.

The Characters of Chordata; Catarrhini; Hominidae; Homo.

Bavco, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Patent: JP 2002509721-A 3708 02-APR-2002;

RIBOZYME PHARMACEUTICALS INC

OS Homo sapiens (human)

PR 2002509721-A/3708

PP 2002509721-A/3708

PP 27-MAR-1998 US 60/079678

PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PR JAMES A MCSWIGGEN
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

( basel 1 to 17)

S Pavo, P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and regent for treating diseases or conditions concerning molecule participating in vasculogenic response

L Patent: JP 200250721-A 3709

OS Homo sapiens (human)

PN JP 2002509721-A/3709

PD 02-APR-2002

PP 24-MAR-1999 US 66079578

PI PAMELA PAVOC ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOFT,
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PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
                                                                                                                                                                                                                  OS Homo sapiens (human)

N JO 2002509721-A/3708

N JO 2002509721-A/3708

PN JO 2002509721-B

PN 24-MAR-1999 JP 2000541291

PR 27-MAR-1999 US 60/079678

PI PAMBLA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN

PC 212N15/09_A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
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C2 Method and reagent for treating diseases or conditions concerning molecule
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15.6%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 12; Conservative 0; Mismatches 1; Indels

    .17
    /organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

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JP 2002509721-A/3709.
Homo sapiens (human)
Homo sapiens
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JP 2002509721-A/3708.
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Homo sapiens
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PC AG1P35/00,AG1P43/00,C12N5/10,C12N9/00//AG1K35/76,C12N15/00, PC
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Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Location/Qualifiers
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/organism="Homo sapiens (human)'.
/organism="Homo sapiens"
/mol type="genomic RNA"
/db_xref="taxon:9606"
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    /organism="Homo sapiens"
/mol_type="genomic RNA"
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JP 2002509721-A/3710.
Homo sapiens (human)
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PAT 29-SEP-1999
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Unclassified.
I (bases 1 to 17)
Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and
Okinaka,Y.
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1 (bases 1 to 17)
Stinnohcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 1012 06-OCT-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                               15.3%; Score 11.2; DB 1; Length 17;
81.2%; Pred. No. 2e+02;
ative 0; Mismatches 3; Indels
                          ch 15.3%; Score 11.2; DB 1; Length 17; 1 Similarity 81.2%; Pred. No. 2e+02; 13; Conservative 0; Mismatches 3; Indels
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Patent: US 6114601-A 47 05-SEP-2000;
Location/Qualifiers
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Sequence 1012 from patent US 5817796.
AR046219.1 GI:5967684
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Sequence 47 from patent US 6232109.
ARIS1787
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Aitman,T.J., Scott,J. and Stanton,L.W.
Compositions and methods of disease diagnosis and therapy
Patent: US 6322976-A 186 27-NOV-2001;
Location/Qualifiers
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Unclassified.
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1 (bases 1 to 17)
Stinchcomb, D.T., Draper, K., McSwiggen, J. and Jarvis, T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 366 06-0CT-1998;
Location/Qualifiers
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Eckstein, F., Ludwig, J. and Beigelman, L.
Nucleic acid catalysts with endonuclease activity
Patent: US 6656731-A 176 02-DEC-2003;
Location/Qualifiers
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Sequence 366 from patent US 5817796.
                               AR261704 16 bp Di
Sequence 186 from patent US 6322976.
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/organism="unknown"
/mol_type="unassigned RNA"
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/mol_type="genomic DNA"
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                                                                          AR261704.1 GI:28072782
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ARO45573.1 GI:5967038
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25-SEP-1998 US 60/101757
JOHN E LANDERS, BARBARA JORDAN, DAVID E HOUSMAN, ALAIN CHAREST PC
CI2N15/09, C12Q1/68, G01N33/53, G01N33/566, G01N33/58, G01N37/00, PC
                                                             M27.27.15/00
M212N15/00
Methods and products related to genotyping and DNA analysis FH
Methods and products related to genotyping and DNA analysis FH
Location/Qualifiers
                                                                                                           /organism='Homo sapiens (human)'.
Location/Qualifiers
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van den Bynde,B., van der Bruggen,P. and Boon-Falleur,T.
Isolated nucleic acid molecules coding for tumor rejection antigen
precursor MAGE-3 and uses thereof
Patent: US 6235525-A 28 22-MAY-2001;
Location/Qualifiers
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I (bases 1 to 17)

Landers, J.E., Jordan, B., Housman, D.E. and Charest, A.

Methods and products related to genotyping and DNA analysis patent: 19 2002552127A 595 13-AUG-2002;

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

OS Homo sapiens (human)

NJP 200255127-A/595

PD 13-AUG-2002

PP 24-SEP-1999 JP 2000572407
                                                                    1 (bases 1 to 17)
Kikuchi,Y., Kiyokawa,S., Shimada,Y., Ohbayashi,M., Shimada,R. and
Okinaka,Y.
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Patent: US 6232109-A 47 15-MAY-2001;
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/organism="unknown"
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Sequence 28 from patent US 6235525.
AR153518 AR153518.1 GI:15121050
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JP 2002525127-A/595.
Homo sapiens (human)
Homo sapiens
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          GI:15117837
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BD256443 17-JUL-2003 Regulation of repressor genes using nucleic acid molecules.
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PN JP 2002541795-A/4236
PD 10-DEC-2000
PP 11-APR-2000 JP 2000611654
PR 12-APR-1999 US 60/129390
PI 1AMRENCE BLATT,MICHAEL ZWICK, PAMELA PAVCO, JAMES MCSWIGGEN GL2P15/09, A61K38/00, A61K48/00, A61P43/00, A61P43/00, PC C12N5/10, PC C12P21/02,
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1 (bases 1 to 17)
Blatt,L., Zwick,M., Pavco,P. and Mcswiggen,J.
Regulation of repressor genes using nucleic acid molecules
Patent: JP 2002541795-A 4336 10-DEC-2002;
RIBOZYME PHARMACEUTICALS INC
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1. 17
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1. .17
/organism="Homo sapiens"
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BD256443.1 GI:33066213
JP 2002541795-A/4236.
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I TAKAHASHI KENJI, INOUE HIDEFUMI, KIMURA TAKAO, MAKABE OSAMU PC
C12N15/57,C12N1/21,C12N9/62,C12N15/70,(C12N15/57,C12R1:685), PC
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Unclassified.
De Plaen,E., Boon-Falleur,T., Lethe,B., Szikora,J.-P., De Smet,C. and Chomez,P.
and Chomez,P.
and Insolated nucleic acid molecules useful in determining expression of a tumor rejection antigen precursor.
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Pavco,P., McSwiggen,J., Stinchcomb,D. and Escobedo,J.
Revogen,J., Stinchcomb,D. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 1574 12-FEB-2002;
Location/Qualifiers
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17 bp DNA
Sequence 1574 from patent US 6346398.
AR186086.1 GI:20232051
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Sequence 2874 from patent US 6346398.
AR187386
AR187386.1 GI:20233351
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Unclassified.
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Unclassel to 17)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 366 08-UUL-1997;
Location/Qualifiers
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Stinchcomb,D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646642-A 1012 08-UUL-1997;
Location/Qualifiers
                                                                                      15.3%; Score 31.2; DB 1; Length 17; larity 81.2%; Pred. No. 2e+02; Conservative 0; Mismatches 3; Indels
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     Patent: US 5612201-A 48 18-MAR-1997;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Isolated nucleic acid molecules coding for tumor rejection antigen precursor MAGE-B and uses thereof
Patent: US 6498021-A 28 24-DEC-2002,
Location/Qualifiers
                                       Unclassified.

1 (bases 1 to 17)

Pavoo, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.

Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 2874 12-FEB-2002;
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Sequence 28 from patent US 6498021.
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Sequence 1398 from patent US 6566127.
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AR327747/c
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van den Eynde, B., van den Bruggen, P. and Boon-Falleur, T.
Methods for treating a disorder by using Mage-3 or Mage-3 related
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Bscobedo, J.
Rethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 119 20-MAY-2003;
Location/Qualifiers
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Patent: US 6565857-A 28 20-MAY-2003;
Location/Qualifiers
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Sequence 28 from patent US 6565857.
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/wol_type="unassigned RNA"
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/organism="unknown"
/mol_type="genomic DNA"
           /mol_type="genomic DNA"
 organism="unknown"
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AR322717.1 GI:33708525
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1 (bases 1 to 17)

Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions
related to levels of vascular endothelial growth factor receptor
Patent: US 6566127.A, 1398 20-MAY-2003;

Location/Qualifiers
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1 (bases 1 to 17)

1 (bases 1 to 17)

2 McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.

Method and reagent for the treatment of diseases or conditions

related to levels of vascular endothelial growth factor receptor

Patent: US 6566127-A 5149 20-MAY-2003;

Location/Qualifiers
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81.2%; Pred. No. 2e+02;
rative 0; Mismatches 3; Indels
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1 (bases 1 to 17)
6 (u. Y. and Shannon.M.E.
1 soforms of human pregnancy-associated protein-E Patent: US 6656700-A 621 02-DEC-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5149 from patent US 6566127.
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/wol_type="unassigned RNA"
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/mol_type="genomic DNA"
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AR323996.1 GI:33709804
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PAT 07-SEP-2001

linear

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Blatt, L., Mcswiggen, J. and Chowrira, B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 3537 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
                                                                                                                                                            Blatt,L., Mcswiggen,J. and Chowrira,B.M.
Method and reagent for the modulation and diagnosis of cd20 and nogo gene expression
Patent: WO 0159103-A 2975 16-AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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/noTe="Nucleic Acid"
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AX217533 17 bp Rt
Sequence 2975 from Patent W00159103.
AX217533 1 GI:15527594
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AX218095
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AX227190
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Method and reagent for the modulation and diagnosis of cd20 and
nogo gene expression
Patent: WO 0159103-A 2974 16-AUG-2001;
RIBOZYMS PHARMACEUTICALS, INC. (US); Blatt, Lawrence (US);
McSwiggen, James (US); Chowrira, Bharat M. (US)
Location/Qualifiers
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                   Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 2e+02; Matches 13; Conservative 0; Mismatches 3; Indels
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Gu.Y. and Shannon, M.E.

Isoforms of human pregnancy-associated protein-E
Patent: US 6656700-A 622 02-DEC-2003;

Location/Qualifiers
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/organism="synthetic construct"
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/note="Nucleic Acid"
                                                                                                                                                                                                                    AR434199 17 bp DNA
Sequence 622 from patent US 6656700.
AR434199 1 GI:40197042
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Sequence 2974 from Patent WO0159103.
AX217532
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/organism="unknown"
/mol_type="genomic DNA"
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PAT 07-SEP-2001

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RESULT 222 AX217533

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Location/Qualifiers
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Arabidopsis thaliana
Bukaryota, Viridiplantaed, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids, eurosids II, Brassicales, Brassicaceae, Arabidopsis.
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Arabidopsis thaliana
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, eudicotyledons, core eudicots,
rosids, eurosids II, Brassicales, Brassicaceae, Arabidopsis.
                                Fattaey, A.R., Jarvis, T., Mcswiggen, J., Booher, R.N. and Holman, P.S. Method and reagent for the inhibition of checkpoint kinase-1 (chk
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Targeted chromosomal genomic alterations in plants using modified
single stranded obligonucleotides
Patent: Wo 0192512-A 1291 06-DEC-2001;
UNIVERSITY OF DELAMARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations in plants using modified single stranded oligonuclectides
Patent: WO 0192512-A 122 06-DEC-2001;
UNIVERSITY OF DELAWARE (US)
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Patent: WO 0157206-A 562 09-AUG-2001;
RIBOZYWE PHARMACETTICALS, INC. (US) ; Fattaey, Ali R. (US)
Location/Qualifiers
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AX325153
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AX325154
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artificial sequences
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Randi,A.M.
Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1260 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US); GLAXO GROUP LIMITED (GB)
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Method and reagent for the inhibition of erg
Patent: WO 0188124-A 1001 22-NOV-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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    .17
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/mol_type="unassigned DNA"
/db_xref="taxon:3702"

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PAT 26-NOV-2002
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                   Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human udp-galnac:polyyeptide n-acetylgalatosaminyltransferase 10
Patent: EP 1243660-A 528 25-SEP-2002;
Aeomica, Inc. (US)
Location/Qualifiers
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Human udp-galnac:polypeptide n-acetylgalatosaminyltransferase 10
Patent: BP 1243660-A 529 25-SEP-2002;
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Patent: EP 1229046-A 4083 07-AUG-2002;
Aeomica, Inc. (US)
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Sequence 528 from Patent EP1243660.
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Sequence 529 from Patent BP1243660.
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   AX502776
AX502776.1 GI:23385069
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method and reagent for the inhibition of erg
Patent: WO 0188124. A 1662 22-NOV-2001;
Patent: WO 0188124. INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Sequence 1662 from Patent WO0188124.
AX423326.
AX423326.1 GI:21526708
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Sequence 4082 from Patent EP1229046.
AX502775.1 GI:23385068
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17 TITTTCATTCCTCTT 2
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                    CTTTTATCCCTCCTCT 940,
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                                       16 CTTTTTCATTCCTCT 1
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Matches 13;
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AX423326/c
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Thompson, J., Mcswiggen, J., Mckenzie, T., Ayers, D., Szymkowski, D.E. and Grupe, A. Mcthod and tragent for the inhibition of calcium activated chloride channel-1 (clea-1)
Patent: WO 0211674-A 789 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US); Thompson, James (US)
Location/Qualifiers
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                 ch 15.3%; Score 11.2; DB 1; Length 17; 1 Similarity 81.2%; Pred. No. 2e+02; 13; Conservative 0; Mismatches 3; Indels
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Matches 13; Conservative 0; Mismatches 3; Indels
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Patent: EP 1273660-A 486 08-JAN-2003,
Aeomica, Inc. (US)
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Sequence 789 from Patent WO0211674.
AX578951
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Sequence 486 from Patent EP1273660.
AX648646
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Patent: WO 0211674-A 220 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US) ; Syntex (U.S.A.) LLC (US) ;
Thompson, James (US)
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Patent: WO 0211674-A 654 14-FEB-2002;
RIBOZYME PHARMACEUTICALS, INC. (US); Syntex (U.S.A.) LLC (US);
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 220 from Patent W00211674.
AX578382

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Sequence 654 from Patent WO0211674.
AX578816
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/mol_type="unassigned RNA"
  Inc. (US)
Location/Qualifiers
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Location/Qualifiers
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AX578816/c
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AX578382
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                             Gu,Y.
Human sodium-hydrogen exchanger like protein 1
Patent: EP 1273660-A 491 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1273660-A 612 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
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Sequence 613 from Patent EP1273660.
AX648773
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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AX648773
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Human sodium-hydrogen exchanger like protein l
Patent: EP 1273660-A 489 08-JAN-2003;
Aeomica, Inc. (US)
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Patent: BP 1273660-A 488 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 489 from Patent EP1273660.
AX648649
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Sequence 491 from Patent BP1273660.
AX648651
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Sequence 488 from Patent EP1273660.
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AX648648.1 GI:29151466
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2 TCTTCTTCAATGTTTT 17
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Homo sapiens
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Homo sapiens (human)
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ö PAT 22-MAR-2003 Homo sapiens Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. Gaps ô linear Human sodium-hydrogen exchanger like protein 1 Patent: BP 1273660-A 613 08-JAN-2003; Aeomica, Inc. (US) Location/Qualifiers DNA

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                                                                                                                                                                   Homo sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidge, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1574 from Patent WO03004526.
AX673129
                                           17 bp DNA
Sequence 1294 from Patent W003004526.
AX672849
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Human sodium-hydrogen exchanger like protein 1
Patent: BP 1273660-A 747 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Patent: BP 1273660-A 746 08-JAN-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 746 from Patent EP1273660.
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Sequence 747 from Patent EP1273660.
AX648907
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
  Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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                                    Patent: EP 1281758-A 947 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 948 from Patent EP1281758.
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Sequence 949 from Patent EP1281758.
AX688217

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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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AX688217/c
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AX688216/c
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                                                                                                            Telerman,A., Amson,R. and Tuijnder,M.

Telerman,A., Amson,R. and Tuijnder,M.

Tequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and their use as medicines

medicines

Patent: WO 03004526-A 1597 16-JAN-2003;

Molecular Engines Laboratories (FR)

Location/Qualifiers
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                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 3215 from Patent WO03004526.
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Sequence 947 from Patent BP1281758.
AX688215
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Shannon,M., Gu,Y. and Nguyen,C.T.
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AX674770.1 GI:29333118
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          Homo sapiens (human)
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Best Local Similarity 81.25
Matches 13; Conservative
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AUTHORS
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
                                                                                                                                                Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                      Shannon,M., Gu,Y. and Nguyen,C.T. Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Aeomica, Inc. (US)
Location/Qualifiers
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Aeomica, Inc. (US)
Location/Qualifiers
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Sequence 1238 from Patent EP1281758.
AX688506
AX688506.1 GI:29411208
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Sequence 3191 from Patent EP1281758.
AX690459.1 GI:29413340
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Sequence 3190 from Patent EP1281758.

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AX690458.1 GI:29413339
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Best Local Similarity
Matches 13; Conserv
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Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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15.3%; Score 11.2; DB 1; Length 17; 81.2%; Pred. No. 2e+02; ive 0; Mismatches 3; Indels
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15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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Aeomica, Inc. (US)
Location/Qualifiers
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Patent: EP 1281758-A 950 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
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Seguence 1237 from Patent EP1281758.
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Sequence 950 from Patent EP1281758.
AX688218
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/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 81.2
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AX728840
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AX729887
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Mus musculus
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                  Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7
mdz12
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1289 from Patent WO03025176.
AX723602
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AX728481
                                                                                                                   Patent: EP 1281758-A 3191 05-FEB-2003;
Aeomica, Inc. (US)
Location/Qualifiers
                                                                                                                                                                           1. .17
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/db_xref="taxon:9606"

    17 /organism="Mus musculus"
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AX723602
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AX728481/c
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025175-A 1521 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. 17
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Patent: WO 03025175-A 115 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
1. .17
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Seguence 474 from Patent WO03025175.
AX728840
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Homo sapiens
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                  Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 3935 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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                                                                                         Sequence 3233 from Patent W003025175. AX731599.1 GI:30510942
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                    Query Match 15.3%; Score 11.2; DB 1; Length 17; Best Local Similarity 81.2%; Pred. No. 2e+02; Matches 13; Conservative 0; Mismatches 3; Indels
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Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX730994/c LOCUS DEFINITION

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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   AX732400
AX732400.1 GI:30511743
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                                                  Homo sapiens (human)
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AX732454
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AX733923
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Telerman, A., Amson, R. and Tuijnder, M.
Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or virus resistance and their use as medicines
Patent: WO 03025175-A 5557 Z7-MAR-2003;
Molecular Engines Laboratories (FR)
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Patent: WO 3032217-A 1673 27-WAR-2003;
Molecular Engines Laboratories (FR)
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Molecular Engines Laboratories (FR)
Location/Qualifiers
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Sequence 1673 from Patent WO03025177.
AX736083
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/db_xref="taxon:9606"

    .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Homo sapiens
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Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 03025177-A 4268 27-WAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Patent: WO 03040369-A 1201 15-WAY-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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Pred. No. 2e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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AX738678
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AX757880/c
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Sequences involved in phenomena of tumour suppression, tumour reversion, apoptosis and/or resistance to viruses and the use thereof as medicamente 27 PARR-2003; Patent: MO 30302177-A 2996 27-MAR-2003; Molecular Engines Laboratories (FR)
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Patent: WO 30325177-A 3031 27-MAR-2003;
Molecular Engines Laboratories (FR)
Location/Qualifiers
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/db_xref="taxon:9606"

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/mol type="unassigned DNA"
/db xref="taxon:9606"
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/mol type="unassigned DNA"
/db xref="taxon:9606"
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Homo sapiens
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                  Homo sapiens
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Momo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                            Guo,J.

Human prostate cancer candidate protein 1
Patent: WO 03050284-A 2348 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Patent: WO 03050584-A 2349 19-UNN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
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Sequence 2349 from Patent WO03050284.
AX784018
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/mol_type="unassigned DNA"
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Homo sapiens
Eukaryota; Metazca; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03040369-A 2570 15-MAY-2003;
Molecular Engines Laboratories (PR)
Location/Qualifiers
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Sequence 5375 from Patent WO03040369.
AX762054
AX762054.1 GI:32256670
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Sequence 2348 from Patent W003050284.
AX784017.1 GI:32951866
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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DEFINITION ACCESSION VERSION

RESULT 275 AX762054/c LOCUS

à g KEYWORDS SOURCE ORGANISM

AUTHORS TITLE

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DEFINITION ACCESSION VERSION

RESULT 276 AX784017 LOCUS

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A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
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PN 9202509721-A/3985
PD 02-APR-2002
PP 24-MAR-1999 JP 2000541291
PR 27-MAR-1999 US 60/079678
PR 27-MAR-1999 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
PR 27-MAR-1998 US 60/079678
CICAL A PANCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
PC CICAL A MCSWIGGEN
PC
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BD200559 BD200559.1 GI:33010729
JP 2002509721-A/3985.
Homo sapiens (human)
Bukarver.
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1 (Dases 1 to 1).
Pavco, P.A., Roberts, Jarvis, T., Coeshott, C. and Mcswiggen, J.A. Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Patters. JP 2002509721-A 3985 02-APR-2002; RIBOZYME PHARMACEUTICALS INC
A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00,
                                                       Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response Key 1. .17
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Location/Qualifiers
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15.3%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels
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participating in vasculogenic response
Key
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15.3%; Score 11.2; DB 1
Best Local Similarity 81.2%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches
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/organism="Homo sapiens"
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/organism="Homo sapiens"
/mol_type="genomic RNA"
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BD200959
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24-MRA-1999 JP 2000541291
27-MRA-1999 US 60/079678
27-MRA:1999 US 60/079678
PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, JAMES A MCSWIGGEN
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PR 27-MAR-1998 US 60/079679
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT, PI JAMES A MCSWIGGEN
CLAIR S. A MCSWIGGEN
CLAIR S. A MCSWIGGEN
CLAIR S. A MCSWIGGEN
CLAIR S. A MCSWIGGEN
AGIR31/7088, AGIR31/7125, AGIR48/00, AGIR3/10, AGIP17/06, PC AGIP29/00,
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1 (bases 1 to 17)

1 (bases 1 to 17)

Parvo. P.A., Roberts, E., Jarvis, T., Coeshott, C. and Mcswiggen, J.A.

Method and reagent for treating diseases or conditions concerning molecule participating in vasculogenic response

Ratent: JP 2002509721-A 1785 02-APR-2002;

RIBOZYME PARMARGEUTICALS INC

OS Homo sapiens (human)

PN JP 2002509721-A/1785
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 03050284-A 2352 19-JUN-2003;
Amersham Biosciences (SV) Corp. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                            17 bp DNA
Sequence 2352 from Patent WO03050284.
AX784021
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Homo sapiens
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Best Local Similarity 81.23
Matches 13, Conservative
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AX784021
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                                                                                                                                                                                                                     J. (bases I to 16)
Maertens, G., Stuyver, L., Rossau, R. and Van Heuverswyn, H. Process for typing of HCV isolates
Patent: US 5846704-A 34 08-DEC-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 16)
Maertens, G., Stuyver, L., Rossau, R. and Van Heuverswyn, H.
Process for typing of HCV isolates
Patent: US 6171784-A 34 09-JAN-2001;
Location/Qualifiers
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Maertens, G., Stuyver, L., Rossau, R. and Van Heuverswyn, H.
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Sequence 34 from patent US 6495670.
AR267328
AR267328.1 GI:29697346
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Sequence 34 from patent US 5846704.
AR063396
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PR 07-AUG-1998 EP 98114853.9
PI EUGEN UHLANAN, ANUSCHIRWAN PEYWAN, ALAN BITONTI, RICHARD WOESSNER PC CLANIS/09, AGIK31/711, AGIK31/7115, AGIK31/712, AGIK31/7125 PC , AGIK46/00, AGIP9/00, PC CLANIS/12, AGIP17/16, AGIP27/02, AGIP29/00, AGIP35/00, AGIP43/00, CC Describtion of actiti
                  bulges253 12 bp DNA linear PAT 17-JUL-2003
Short-chain oligonucleotide for inhibiting VEGF expression.
BD248253
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JP 200554038-A/72.
synthetic construct
synthetic construct
artificial sequences.
I (bases 1 to 12)
Short-chain oligonucleotide for inhibiting VEGF expression
Short-chain oligonucleotide for inhibiting VEGF expression
AVENTIS PHARMA DEUTSCHLAND GMBH
OS Artificial Sequence
FN JP 2002524038-A/72
PD 06 AUG-2002
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INNOGENETICS NV (BE)
Other publication AU 5528294 940622
Other publication AU 7503143T 950406.
Location/Qualifiers

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    .16
    /organism="unidentified"
    /mol_type="unassigned DNA"
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Sequence 34 from Patent W09412670.
A39062
A39062.1 GI:2295448
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Best Local Similarity 100
Matches 11; Conservative
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PAT 18-JUN-2002

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RESULT 287 AR305738

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Hepatitis C virus
Hepatitis C virus
Viruses; ssRNA positive-strand viruses, no DNA stage; Flaviviridae;
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Patent: EP 1197568-A 34 17-APR-2002;
Innogenetics N.V. (BE)
Location/Qualifiers
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1 (Jases 1 to 14)
Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLICONUCLEDOTIDE PREPARATION METHOD
Paten: WO 9833904-A 463 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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15.1%; Score 11; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 11; Conservative 0; Mismatches 0;
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Sequence 463 from Patent EP0856579.
A90282.
A90282.1 GI:6738796
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A88315
A88315.1 GI:6736885
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/db_xref="taxon:11103"
                                                                    AX417330 16 bp
Sequence 34 from Patent EP1197568.
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/organism="unidentified"
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Maertens, G., Stuyver, L., Rossau, R. and Van Heuverswyn, H. Process for typing HCV isolates
Patent: US 6548244-A 34 15-APR-2003;
Location/Qualifiers
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Process for typing of HCV isolates
Patent: US 6495670-A 34 17-DEC-2002;
Location/Qualifiers
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Sequence 34 from patent US 6548244.
AR305738
AR305738.1 GI:31695347
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REFERENCE AUTHORS TITLE JOURNAL FEATURES

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unclassified.  AUTHORS AUTHORS Schlingensiepen, K.H. and Brysch, W. TITLE An antisense oligomouclectide preparation method JOURNAL BICGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH COMMENT OS UNKNOWN D 2001511000-A/463 PP 30-JAN-1998 UP 1998532533 PP 30-JAN-1998 UP 97101531.8 PP 31-JAN-1999 UP 97101531.8 PP 31-JAN-1999 UP 97101531.8 PP 31-JAN-1997 UP 97101531.8 PP 31-JAN-1997 UP 97101631.8 PP 31-JAN-1997 UP 97101631.8 PP C 12N15/11, COTHINGENSIEPEN, WOLFGANG BRYSCH PC C An antisense oligomuclectide preparation method FH FRATURES Location/Qualifiers FT Location/Qualifiers FT Location/Qualifiers FT Location/Qualifiers FT Location/Qualifiers AD 1-14 /organism="unidentified" /organism="unidentified" /mol_type="genomic DNA" /db_xref="taxon:32644"	Query Match Best Local Similarity 85.7%; Pred. No. 2e+02; Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0; Qy 909 TITCTTGGTCTTT 922 Db 1 TTATTTGGTCTTT 14	ASSESTING TO SEQUENCE 1 from Patent WO9627612.  DEFINITION Sequence 1 from Patent WO9627612.  ACCESSION AS6697. VERSION AS6697.  VERSION AS669	COMMENT Other publication AU 4839496 960923. FEATURES Location/Qualifiers 1. 15 cource 1.5 //organism="unidentified" //mol_type="unassigned DNA" /db_xref="taxon:32644" 14.8%; Score 10.8; DB 1; Length 15;	••	RESULT 295 AR131846 AR131846 LOCUS LOCUS DEFINITION Sequence 271 from patent US 6194150. VERSION VERSION AR131846.1 GI:14120749 KEYWORDS SOURCE Unknown. ORGANISM Unclassified.
unclassified.  AUTHORS  AUTHORS  Brysch, W.D. and Schlingensiepen, K.D.  TITLE An antisense oligonuclectide preparation method  JOURNAL Patent: EP 0865579-A 463 05-AUG-1998;  BIOGNOSTIK GES (DE)  Location/Qualifiers  Location/Qualifiers  Location/Qualifiers  Location/Qualifiers  Jorganism="unidentified"  /organism="unidentified"  /mol_type="unassigned DNA"  /db_xref="taxon:32644"  /db_xr	Electors LOCUS LOC	REPERENCE I (bases I to 14)  AUTHORS MATSUMOCO.T., Goto, M. and Furuichi, Y.  TITLE DETECTION OF MUTATION IN PATHOGENIC GENE OF HUMAN WERNER SYNDROME JOURNAL PATENT: JP 1998201498-A 25 04-AUG-1998;  COMMENT OS None C Artificial sequences.  PD 04-AUG-1998  PP 24-AUG-1998  PP 24-AUG-1998  PP 34-AUG-1998   114 /organism='Artificial sequen I Location/Qualifiers 114 /organism="unidentified" /mol_type="genomic DNA" /db_xref="taxon:32644"	Query Match  Query Match  Best Local Similarity 85.7%; Pred. No. 2e+02;  Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  Qy 909 TITCITGGTCTIT 922  Ob I TITCITIGTTTTT 14	BD065828 LOCUS BD065828 LOCUS BD065828 LOCUS BD065828 LOCUS ALCESSION An antisense oligonucleotide preparation method. ACCESSION BD065828.1 GI:22611431 VERSION BD065828.1 GI:22611431 SOURCE SOURCE Unidentified ORGANISM unidentified	

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Sequence 46 from patent US 5693532.
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Sequence 219 from Patent WO0129251.
AX119562
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Sequence 2 from patent US 5710028.
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181251.1 GI:3209541
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14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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McSwiggen, J., Draper, K., Pavco, P. and Woolf, T. Respiratory syncytial virus ribozymes
Patent: US 5693532-A 45 02-DEC-1997;
Location/Qualifiers
 1 (bases 1 to 15)
Stinchcomb,D.T., darvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 271 27-FEB-2001;
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/organism="unknown"
/mol_type="unassigned DNA"
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Li,C., Gaynor,R.B. and Nirula,A.
Cellular factor ILF
Patent: US 5534631-A 8 09-JUL-1996;
Location/Qualifiers
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/mol_type="unassigned DNA"
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Sequence 45 from patent US 5693532.
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                                                       Location/Qualifiers
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/organism="unknown"
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Unclassified.
1 (bases 1 to 15)
Eyal,N. and Navot.N.
Method of quick screening and identification of specific DNA
sequences by single nucleoside primer extension and kits therefor
Patent: US 5710028-A 2 20-JBN-1998;
Location/Qualifiers
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Momo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                                                                Unknow...
Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
McSwiggen, J., Draper.K., Pavco, P. and Woolf, T. Respiratory syncytial virus ribozymes
Respiratory syncytial virus ribozymes
Patent: US 5693532-A 46 02-DEC-1997;
Location/Qualifiers
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Improved mutation analysis of the nf1 gene
Patent: WO 0129251-A 219 26-APR-2001;
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Woolf,T. Method and reagent for inhibiting the expression of disease related
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unclassified.
1 (bases 1 to 16)
Buchardt,O., Egholm,M., Nielsen,P.E., Berg,R.H. and Stanley,C.J.
USB OF NUCLEIC ACID ANALOGUES IN THE INHIBITION OF NUCLEIC ACID
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                     Score 10.8; DB 1; Length 15;
Pred. No. 2.1e+02;
0; Mismatches 2; Indels
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Patent: EP 1260586-A 5336 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                     Sequence 5236 from Patent BP1260586. AX638097

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    /db_xref="taxon:32644"

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/mol_type="unassigned DNA"
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Patent: WO 9325706-A 5 23-DEC-1993;
BUCHARDT OLE (DK)
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A36565
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                     Query Match
Best Local Similarity 85.7%;
Matches 12; Conservative C
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AX638097/c
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A36565/c
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                                                                                                                                                                                                                                                                                                                                                                   PAT 26-SEP-2001
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Modified oligonucleotides for mismatch discrimination
Patent: WO OldSS-A 68 07-SEP-2001,
Epoch Biosciences, Inc. (US)
Location/Qualifiers
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                                                                                                                                       Query Match

14.8%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 2.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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/mol_type='unassigned DNA"
/mol_type='unassigned DNA"
/note="probe sequence"
                                                                                                                                                                                                                                                                                                                                                                   DNA
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Patent: EP 1260586-A 5234 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 5234 from Patent EP1260586.
AX638095.1 GI:28473709

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/organism="unidentified"
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Sequence 68 from Patent WO0164958.
AX239941 GI:15797543
UNIVERSITEIT GENT (BE)
Location/Qualifiers
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synthetic construct
artificial sequences.
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1 GTCATTTTCCTTTG 14
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AX638095/c
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AX239941
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Unlmann, E., Weiser, C. and Peyman, A.
Antisense oligonucleotides against tenascin for treating vitiligo
Patent: WO 9928819-44 6 27-A44-1999;
UNLMANN EUGEN (DE); WEISER-CARVOLINE (DE); HOECHST MARION ROUSSEL DE
GMBH (DE); PEYMAN ANUSCHIRWAN (DE)
Location/Qualifiers
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Antisense oligonucleotides that bind to sequences encoding human
tenascin for treating depigmentation, cancer, inflammation and
cardiovascular disease
Partent: DE 19750702-A 8 27-MAY-1999,
HOECHST MARION ROUSSEL DE GMBH (DE)
Location/Qualifiers
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14.8%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 2; Indels
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AX030507
AX030507.1 GI:10278064
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 8 from Patent DE19750702.
AX030488.1 GI:10278045
                                                 AX022938
Sequence 46 from Patent WO9925819.
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AX022938.1 GI:10046431
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Best Local Similarity 85.77
Matches 12; Conservative
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              RESULT 307
AX022938/c
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AX030507/c
LOCUS
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AX030488/c
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AUTHORS
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Antisense oligomucleotides against tenascin for treating vitiligo
Patent: WO 9925819-8 a 27-MAY-1999;
UHLMANN EUGEN (DE); WEISER CAROLINE (DE); HOECHST MARION ROUSSEL DE
GMEH (DE); PEYMAN ANUSCHIRWAN (DE)
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/db_xref="taxon:32644"
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    organism="unidentified"
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Sequence 27 from Patent WO9925819.
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Sequence 8 from Patent W09925819.
AX022900
/db_xref="taxon:32644"
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Unclassified.
I (bases I to 14)
Goldstein, J. Pollitt, S. N., Inouye, M. and CO7K13.
RECOMBINANT COLD SHOCK PROTEIN, PRODUCTION AND USE IN AGRICULTURE Patent: NO 9009447-A 4 23-AUG-1990;
Location/Qualifiers
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Unclassilled.

Garner, H.R., Wren, J.D., Minna, J.D. and Fondon, J.W. III.

Polymorphic repeats in human genes

Patent: US 6472154-A 286 29-OCT-2002;

Location/Qualifiers
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                               14.2%; Score 10.4; DB 1; Length 12; larity 91.7%; Pred. No. 2.1e+02; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 91.7%; Pred. No. 2.4e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Sequence 4 from Patent WO 9009447.
106686.
106686.1 GI:589474
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                                             Peyman, A.D., Uhlmann, E.D. and Weiser, C.D. Antiesness oligonucleotides that bind to sequences encoding human tenascin for treating depigmentation, cancer, inflammation and cardiovascular disease Patent: DE 19750702-A 27 27-MAY-1999, HOECHST MARION ROUSSEL DE GMBH (DE) Location/Qualifiers
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Antisense oligonucleotides that bind to sequences encoding human
tensacin for treating depigmentation, cancer, inflammation and
cardiovascular disease
Patent: DE 19750702-A 46 27-MAX-1999;
HOECHST MARION ROUSSEL DE GMBH (DE)
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Unclassified.
1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 85 19-JAN-1999;
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 85 from patent US 5861244.
AR029896
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                                                                                                                      Identification of three mutant alleles of the gene for mitochondrial acetoacetyl-coenzyme A thiolase. A complete analysis of two generations of a family with 3-ketothiolase deficiency J. Clin. Invest. 89 (2), 474-479 (1992)
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Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
Cox,M.I., Audonnet,J.-C.Francis. and Gettig,R.Robert.
Modified recombinant vaccinia virus and expression vectors thereof
Patent: US 5762938-A 245 09-JUN-1998;
                                                 Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                             GenBank staff at the National Library of Medicine created this entry [NCBI gibbsq 81271] from the original journal article. This sequence comes from Figure 2. exon 8 skipping.

Location/Qualifiers
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                                                                                1 (bases 1 to 14)
Fukao,T., Yamaguchi,S., Orii,T., Schutgens,R.B., Osumi,T. and Hashimoto,T.
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Sequence 245 from patent US 5762938.
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Sequence 19 from patent US 5801156.
AR037374.1 GI:5955230
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Best Local Similarity 91.7%;
Matches 11; Conservative
                                Homo sapiens (human)
   S81271.1 GI:245356
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AR037374
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Paoletti,E., Perkus,M.E., Taylor,J., Tartaglia,J., Norton,E.K.,
Riviere,M., de Taisne,C., Limbach,K.J., Johnson,G.P., Pincus,S.E.,
Cox,W.I., Audonnet,J.-C.F. and Gettig,R.R.
NYVAC vaccinia virus recombinants comprising heterologous inserts
Patent: US 5494807-A 245 27-FEB-1996;
                                                                                                                                                                                                                                                                    Gaps
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Robinson, G.S. and Smith, L. Elaine Hodgson.
Inhibition of neovascularization using VEGF-specific oligonucleotides
Patent: US 5801156-A 19 01-SEP-1998;
Location/Qualifiers
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Robinson, G.S. and Smith, L. Elaine. Hodgson.
Inhibition of neovascularization using vegf-specific
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Pred. No. 2.5e+02;
0; Mismatches 1;
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14.2%; Score 10.4; DB 1;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1;
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Sequence 245 from patent US 5494807.
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Patent: US 5814620-A 19 29-SEP-1998;
Location/Qualifiers
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/mol_type="unassigned DNA"
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AR043855
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Query Match
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Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Unclassified.

1 (bases 1 to 15)
Robinson, G.S.
Human VEGF-specific oligonucleotides
Patent: US 5639736-A 19 17-JUN-1997;
Location/Qualifiers
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Human VEGF-specific oligonucleotides
Patent: US 5639872-A 19 17-JUN-1997;
Location/Qualifiers
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Robinson, G.S.
Human VEGF-specific oligonucleotides
Patent: US 5661135-A 19 26-AUG-1997;
Location/Qualifiers

    15 /organism="unknown"
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/mol_type="unassigned DNA"
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Sequence 19 from patent US 5639872.
147654
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Sequence 19 from patent US 5661135.
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/organism="unknown"
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I63155.1 GI:2480863
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Unknown.
Unclassified.
Unclassified.
Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
IL-5 targeted ribosymes
Patent: US 5616488-A 438 01-APR-1997;
Location/Qualifiers
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Sullivan, S., Draper, K.G., McSwiggen, J. and Stinchcomb, D.T.
IL-5 targeted ribozymes
Patent: US 5616488-A 439 01-APR-1997;
Location/Qualifiers
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 Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Sequence 438 from patent US 5616488.
139400 GI:2083880
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Sequence 439 from patent US 5616488.
139401 GI:2083881
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Sequence 19 from patent US 5639736.
147006
147006.1 GI:2470971
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147006
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VERSION KEYWORDS SOURCE

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PAT 07-0CT-1997

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REFERENCE

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Mon Oct 18 14:40:12 2004

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DNA

181412 15 bp | 1 Sequence 19 from patent US 5710136.

RESULT 324 181412 LOCUS DEFINITION

I81412.1 GI:3209709

ACCESSION VERSION KEYWORDS SOURCE

Unknown. Unclassified.

ORGANISM

AUTHORS TITLE

REFERENCE

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Unknown.

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DEFINITION ACCESSION VERSION KEYWORDS

RESULT 326

AR192970 LOCUS

SOURCE ORGANISM

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Query Match 14.2%; Score 10.4; DB 1; Length 15; Best Local Similarity 91.7%; Pred. No. 2.5e+02; Matches 11; Conservative 0; Mismatches 1; Indels

934 CICCICITCATI 945

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JM Unclassified.
JE (bases 1 to 15)
AS Robinson, G.S. and Hodgson Smith, L.Elaine.
AS Robinson, G.S. and Hodgson Smith, L.Elaine.
AS Inhibition of neovasularization using VEGF-specific oligonacleotides
AML Patent: US 5731294-A 19 24-MAR-1998;
Location/Qualifiers

source

JOURNAL FEATURES

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Woolf,T.
Method and reagent for inhibiting the expression of disease related
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related to levels of vascular endothelial growth factor receptor Patent: US 6346398-A 8458 12-FEB-2002; Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                               Unclassified.

1 (bases 1 to 15)
PavCo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
PavCo.P., McSwiggen,J.A., Stinchcomb,D.T. and Escobedo,J.
Method and reagent for the treatment of diseases or conditions
related to levels of vasoular endothelial growth factor receptor
Patent: US 6566127-A 4114 20-MAY-2003;
Location/Qualifiers
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Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Pred. No. 2.5e+02;
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 2822 from Patent EP1260586.
AX635683.1 GI:28471297
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Best Local Similarity 91.7%;
Matches 11; Conservative
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linear

193803 Sequence 19 from patent US 5731294. 193803 193803.1 GI:3938273

Unknown

ORGANISM

AUTHORS TITLE

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Gaps

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Query Match
14.2%; Score 10.4; DB 1; Length 15;
Best Local Similarity 91.7%; Pred. No. 2.5e+02;
Matches 11; Conservative 0; Mismatches 1; Indels

934 CICCICITCAIT 945

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3 CTCCTCTTCCTT 14

RESULT 325 193803

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ACCESSION VERSION

KEYWORDS SOURCE

/organism="unknown" /mol\_type="unassigned DNA"

source

| (bases 1 to 15)
| Robinson,G.S. and Smith,L.Elaine.Hodgson.
| Inhibition of neovascularization using VEGF-specific oligonucleocides | Patent: US 5710136-A 19 20-JAN-1998; | Location/Qualifiers

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87
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Direct Submission

E 2 (Dases 1 to 15)

E 3 Direct Submission

E 3 Submitted (123-0CT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Gaston Cremieux, 91057 Evy cedex, FRANCE

FR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versaillea). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
program Generated in the framework of the French plant genomics
program Generated in the framework of the French plant genomics
http://genoplante'. (http://www.genoplante.com and
http://genoplante-info.infobiogen.fr).
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AJ595319
AJ595319
AJ595319.1 GI:37944943
left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota; Viridiplantaes; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; cosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A. of pre-insertion into the Arabidopsis genome depends on sequences of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
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/clone=11b="Arabidopsis thaliana T-DNA insertion lines"
1. .15
/note="T-DNA flanking sequence
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                          1. .15 /organism='Hepatitis virus (hepatitis C virus)'.
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Matches 11; Conservative 0; Mismatches 1; Indels
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/cultivar="Wassillewskija"
/db_xref="taxon:3702"
hepatitis C virus infection.
Key Location/Qualifiers

    .15
    /organism="unidentified"
/mol_type="genomic RNA"
/db_xref="taxon:32644"

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CON Enzymatic nucleic acid treatment of diseases or conditions related

LO hepatitis C virus infection.

BD208754.1 GI:33018524

S DP 2005212791-A/2344.

Unidentified

Unidentified

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Unidentified

S Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

R Blatt, L., Mcswiggen, J.A., Roberts, E., Pavco, P.A. and Macejak, D.

Enzymatic nucleic acid treatment of diseases or conditions related

C hepatitis C virus infection

AL PARAMACEUTICALS INC

OS Hepatitis virus (hepatitis C virus)

PN JP 2005212791-A/2344

PD 08-MAY-2002

PP 2005212791-A/2344

PD 08-MAY-2002

PR 20-APR-1999 US 60/00545991

PR 27-APR-1999 US 60/00545991

PR 27-APR-1999 US 60/00842 PR

DAMERNCE BLAIT, JAMES A MCSWIGGEN, ELISABETH ROBERTS, PAMELA A PI
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C12N9/00,A61K31/7105,A61K38/21,A61K48/00,A61P31/12,C12N15/09,
A61K37/66,
C12N15/00
                                                                                                                                                                                                                                                                                                                                                                                                                       Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpelsky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., McSwiggen, J.A., McGwik, A., Pavco, P., Beigelman, L., Sullivan, S.W., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 2824 from Patent BP1260586.
AX635685.
AX635685.1 GI:28471299
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/db_xref="taxon:32644"
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1 (Sases I to 16)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 167 19-JAN-1999;
Location/Qualifiers
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Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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Romano, J.W. and Lee, B.Mi.
CCRS RNA transcription based amplification assay
Patent: US 6204024-A 9 20-MAR-2001;
Location/Qualifiers
                                                              unidentified
unclassified.
1 (Jeases 1 to 16)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLEOTIDE PREPRATION METHOD
Patent: WO 9833904-A 1721 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 167 from patent US 5861244.
AR029978
                                                                                                                                                                                                             /organism="unidentified"
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AR142913
AR142913.1 GI:15104199
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A89573
A89573.1 GI:6738143
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BIOGNOSTIK GES. (DE)

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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD Patent: WO 9833904-A 1133 06-AUG-1998,
BLOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 1133 from Patent W09833904.
A88985
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Sequence 101 from Patent WO9517507.
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/db xref="taxon:32644"
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Gaps

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PAT 08-AUG-2001

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Unknown.
Unclassified.

1 (bases 1 to 16)

1 (bases 1 to 16)

Hadwiger,L.A., Chiang,C.C. and Horovitz,D.A.

Hadwiger,L.A., Chiang,C.C. and Horovitz,D.A.

Procedures and regulatory DNA sequences for genetically engineering disease resistance and other inducible traits in plants

Patent: US 5312912-A 9 17-MAY-1994;

Location/Qualifiers

Location/Qualifiers
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               Query Match 14.2%; Score 10.4; DB 1; Length 16; Best Local Similarity 91.7%; Pred. No. 2.6e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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Sequence 9 from patent US 5312912.
AR364513.
AR364513.1 GI:34427242
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Sequence 2 from Patent WO0175162.
AX268349
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AR364513/c
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AX268349/c
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AR213623/c
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N E51108
E51108.
E51108.
E51108.
E51108.
G51108.
E51108.

Synthetic construct
artificial sequence.

E 1 (bases 1 to 16)
Synthetic construct
artificial sequence.

E 2 (bases 1 to 16)
Synthetic construct
artificial sequence.

E 1 (bases 1 to 16)
Synthetic construct
artificial sequence.

E 1 (bases 1 to 16)
Synthetic construct
artificial sequence.

E 1 (bases 1 to 16)
Synthetic construct
Artificial Sequence
Detent: JP 2000112589-A 12 14-NOV-2000;
BUNSHI BIO HOTONIKUUS KENKYUSHO
OS Artificial Sequence
PN JP 2000312589-A/12
PD 14-NOV-2000
PP 16-JUL-1999 JP 1999203474
                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unknown.
Unclassified.
1 (Dases 1 to 16)
1 (Dases 1 to 16)
Brysch, W., Schlingensiepen, K.-H., Schlingensiepen, R. and Schlingensiepen, G.-F.
Antisense nucleic acids for the prevention and treatment of disorders in which expression of c-erbB plays a role Patent: Us 636545-A 101 02-APR-2002;
Location/Qualifiers
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PI KAZUYUKI MISE YUICHIRO WATANABE,SHIGEKI KAWAKAMI PC
C12N15/09,C12N7/00,C12Q1/70,C12N15/00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                cce 1. 16 /organism='Artificial Sequence' Location/Qualifiers
Query Match 14.2%; Score 10.4; DB 1; Length 16; Best Local Similarity 91.7%; Pred. No. 2.6e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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    16. 16
    <sup>†</sup>Organism="synthetic construct"
|mol type="genomic DNA"
|db_xref="taxon:32630"

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Sequence 101 from patent US 6365345.
AR202867
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/organism="unknown"
/mol_type="unassigned DNA"
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E51108
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AR202867/C
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PAT 27-AUG-2002
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                                                          unclassified.

1 (bases 1 to 16)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligono-leotide preparation method
Patent: JP 201511000-A 1133 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      unidentified
unclassified.

1 (Dases 1 to 16)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleoride preparation method
Patent: JP 201511000-A 1721 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                                                                                              07-AUG-2001
30-GAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N1s/11, C07H21/04, AGIK31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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KARL HERMANN SCHLINGENSIEPEN.WOLFGANG BRYSCH
C12N15/11,C07H21/104,A61K31/70
An antisense oligomucleotide preparation method
Location/Qualifiers
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14.2%; Score 10.4; DB 1; Length 16;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                               /organism='Unknown'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism='Unknown'
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/organism="unidentified"
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/db_xref="taxon:32644"

    .16
    /organism="unidentified"
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/db_xref="taxon:32644"

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30-JAN-1998 UP 1998532533
31-JAN-1997 EP 97101531.
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JP 2001511000-A/1133
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JP 2001511000-A/1721
BD066498.1 GI:22612101
               JP 2001511000-A/1133. unidentified
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BD067086/c
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Fusion proteins comprising bacteriophage coat protein and a single-chain T cell receptor single-chain T cell receptor Sulent: JP 2001514503-A 57 11-SEP-2001; SUNOL MOLECULAR CORP
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                                                                                                                  Microarrays to screen regulatory genes
Patent: WO 0175162-A 2 11-0CT-2001;
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                 Query Match 14.2%; Score 10.4; DB 1; Length 16; Best Local Similarity 91.7%; Pred. No. 2.6e+02; Matches 11; Conservative 0; Mismatches 1; Indels
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Pred. No. 2.6e+02;
0; Mismatches 1; Indels
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An antisense oligonucleotide preparation method.
BD066498
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JON A WEIDANZ, KIMBERLYN F CARD, HING C WONG
C12Q1/68, CIT/O1, C12N15/70
Strandedness: Single;

    1. 16
    Organism="Aspergillus tubingensis"
/mol_type="genomic DNA"
/db_xref="taxon:5068"

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                                                                                                                                                                                / organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer"
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11-SEP-2001
05-MAR-1998 JP 1998537984
07-MAR-1997 US 08/8137
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JP 2001514503-A/57.
Aspergillus tubingensis
Aspergillus tubingensis
   AX268349.1 GI:16541567
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Best Local Similarity 91.7%;
Matches 11; Conservative (
                                 synthetic construct
synthetic construct
artificial sequences.
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BD057681/c
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BD066498/c
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PAT 29-SEP-1999
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Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-.alpha. ribozyman, S.
Patent: US 5811300-A 36 22-SEP-1998;
Location/Qualifiers
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Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 45 19-JAN-1999;
Location/Qualifiers
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Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
                                                                                                                                              DNA
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                                                                                                                                    Sequence 45 from patent US 5861244.
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Sequence 36 from patent US 5811300.
AR041246.1 GI:5961742
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/mol_type="unassigned DNA"
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/organism="unknown"
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AR041246
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AR029856
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beidanz,J.A., Card,K.F. and Wong,H.C.

Soluble single-chain T-cell receptor proteins
soluble single-chain T-cell receptor proteins
batent: JP 2001519143-A/57

SUNDL MOLECULAR CORP
OS Artificial Sequence
PR 28-SEP-1998 JP 2000514336
PR 28-SEP-1998 JP 2000514336
PR 28-CCT-1998 JP 2000514336
PR 02-CCT-1998 JP 2000514336
PR 02-CT-1998 JP 200051434
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                                                                                                                             16 bp DNA linear Soluble single-chain T-cell receptor proteins.
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    .16
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        /db_xref="taxon:32630"

    .15
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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Sequence 8 from Patent W09705279.
A59571
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Matches 12; Conservative
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AR211045
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Novel antisense-oligo having improved stability and antisense
                                                                                                                                                                                                                                                                                                                     Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 15)
Park, J.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JONG GU PARK
CIZNIS/09, A61K9/127, A61K48/00, A61P31/00, A61P35/00, A61P35/02,
A61P37/00,
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Location/Qualifiers
                                                                             Query Match 14.0%; Score 10.2; DB 1; Length 15; Best Local Similarity 80.0%; Pred. No. 2.7e+02; Matches 12; Conservative 0; Mismatches 3; Indels
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  JOURNAL Patent: US 6194150-A 272 27-FEB-2001;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15 bp | 1
Sequence 47 from patent US 5693532.
                             1. .15
/organism="unknown"
/wol_type="unassigned DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1. .15
/organism="Homo sapiens"
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/db_xref="taxon:9606"
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JP 2002540813-A/2
03-DEC-2002
04-APR-2000 JP 2000610864
08-APR-1999 KR 1999/12297
                Location/Qualifiers
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BD272134
BD272134.1 GI:33081902
JP 2002540813-A/2.
Homo sapiens (human)
Homo sapiens
                                                                                                                                   944 TIGGITIAATGIAIC 958
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Best Local Similarity 80.03
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Unknown.
Unknown.
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1 (bases 1 to 15)
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Johnson, B.S.
Johnson, B.S.
Assay for the detection of avian leukosis/sarcoma viruses (ALSV) in DNA from human and animal biological specimens
Patent: US 6391555-A 13 21-MAY-2002;
Patent: US 6391555-A 13 21-MAY-2002;
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1 (bases 1 to 15)

McSwiggen,J., Daaper,K., Pavco,P. and Woolf,T.
Respiratory syncytial virus ribozymes
Patent: US 569532-A 53 02-DEC-1997;
Location/Qualifiers
McSwiggen, J., Draper, K., Pavco, P. and Woolf, T. Respiratory syncytial virus ribozymes Patent: US 569332-A 47 02-DEC-1997; Location/Qualifiers
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Sequence 13 from patent US 6391555.
AR211045.
AR211045.1 GI:21513935

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/mol_type="unassigned DNA"

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Séquence 53 from patent US 5693532.
177346 17:3013500
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Sacharichia coli
Bacteria; Proteobacteria, Gammaproteobacteria; Enterobacteriales;
Enterobacteriaceae; Escherichia.
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Compositions for inducing self-specific anti-ige antibodies and uses thereof

Patent: WO 0209751-A 9 07-FEB-2002;

Cytos Biotechnology AG (CH) ; Bachmann, Martin (CH) ; Renner,

Wolfgand Andreas (CH)

Location/Qualifiers
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
                                                                                             Query Match
14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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/organism="synthetic bons"
/mol_type="unassigned bNa"
/db xref="taxon:32630"
/noTe="Modified ribosome binding site"
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Sequence 13 from Patent WO0185208.
AX357289
AX357289.1 GI:18674441
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1. .15
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AX456096/c
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AX357289/c
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                                                                                                                                                                                                                   Unknown.
Unclassified.
Unclassified.
Jo (bases I to 15)
Johnson, E.S.
Assay for the detection of avian leukosis/sarcoma viruses (ALSV) in DNA from human and animal biological specimens
Patent: US 6391555-A 15 21-MAY-2002;
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                                                                     PAT 20-JUN-2002
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Garner,H.R., Wren,J.D., Minna,J.D. and Fondon,J.W. III.
Polymorphic repeats in human genes
Patent: US 6472164-A 254 29-OCT-2002;
Location/Qualifiers
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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Sequence 254 from patent US 6472154.
AR241966
AR241966.1 GI:27287778
                                                                   AR211047 15 bp 1
Sequence 15 from patent US 6391555.
AR211047.1 GI:21513938
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Sequence 8 from patent US 6335476.
AR371345 GI:34608277
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/mol_type="genomic DNA"
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             RESULT 354
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Query Match
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Matches 12; Conservative
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AX587116/c
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db xref="taxon:32630"
/noTe="Modified ribosome binding site"
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/mol type="unassigned DNA"
lb xref="taxon:32630"
/noTe="Modified ribosome binding site"
                                                                                                                    15 bp Sequence 13 from Patent WO02056907. AX551046 AX551046.1 GI:25814044
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AX551746.1 GI:25814545
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AX551746/c
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AUTHORS
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KEYWORDS
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RESULT 361

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Method and reagent for inhibiting the expression of disease related
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    PAT 10-JAN-2003
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Nuclectide carrier for diagnosing and treating oral diseases
Patent: WO 02072883-A 138 19-SEP-2002;
ROETGER, Antje (DE)
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14.0%; Score 10.2; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.7e+02;
Matches 12; Conservative 0; Mismatches 3; Indels
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80.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 3; Indels
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Patent: EP 1260586-A 3863 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
Sequence 138 from Patent WO02072883. AX587116
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Sequence 3863 from Patent EP1260586.
AX636724
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Sequence 5159 from Patent BP1260586.
AX638020
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                                                              AX587116.1 GI:27655991
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AX638020/c
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Enkaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Eukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

Enkaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

Enterts; B.L. and Shankara, S.

Exoberts; B.L. and Shankara, S.

Preparation and use of superior vaccines

Entert; JP 2002534056-A 862 15-OCT-2002;

GENZYME COXP

OS Homo sapiens (human)

PN UP 2002534056-A/862

PP 18-UJN-1999 UP 200554749

PR 18-UJN-1999 US 60/090039,19-UJN-1998 US 60/090040 PR
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G01N37/00,
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CI2NI5/09, C12N15/09, A61K39/00, A61P37/04, C12N1/15,
C12N1/19,
Draper,K.G.
Method and reagent for inhibiting influenza virus replication
Patent: US 6258885-A 31 10-JUL-2001;
Location/Qualifiers
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60/08993 PR
60/089991 PR
60/089991 PR
60/080948 PR
60/0800448 PR
60/080844 PR
60/089833 PR
60/080077 PR
60/090077 PR
60/090045 PR
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Location/Qualifiers
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Preparation and use of superior vaccines
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Location/Qualifiers
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100.0%; Pred. No. 2.1e+02;
tive 0; Mismatches 0;
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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PN UP 202534556-A/862
PF 18-JUN-1999 JP 2000554749
PR 19-JUN-1999 US 60/09039, 19-JUN-1999 US 60/090997, 19-JUN-1999 US 60/090992, 19-JUN-1999 US 60/090992, 19-JUN-1999 US 60/09000, 19-JUN-1999 US 60/090004, 19-JUN-1998 US 60/090004, 19-JUN-1998 US 60/09004, 19-JUN-1998 US 60/09004, 19-JUN-1998 US 60/09004, 19-JUN-1998 US 60/090080, 19-JUN-1998 US 60/090076, 19-JUN-1998 US 60/090080,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             BD239444.1 GI:33049214
JP 2002534056-A/862.
Homo sapiens (human)
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Best Local Similarity 100.
Matches 10; Conservative
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Best Local Similarity 100.
Matches 10; Conservative
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                                                                    Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpeisky, A., Draper, K.G., Kisich, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and Woolf, T.
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Patent: BP 1260586-A 5159 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Sequence 5171 from Patent BP1260586.
AX638032. GI:28473646
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/db_xref="taxon:32644"

    .15
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/mol_type="unassigned RNA"
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Sequence 31 from patent US 6258585.
AR162296
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Unclassified.
1 (bases 1 to 10)
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Best Local Similarity 80.0
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AX638032/c
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AR162296
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C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo. 1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 2027 15-OCT-2002;
GENZYME CORP
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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60/090048
60/090043
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60/089844
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.18+02;
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C C12N15/00,C12N5/00,C12N15/00
C Preparation and use of superior vaccines
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Patent: WO 0138577-A 72 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers
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/db_xref="taxon:9606"
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Sequence 72 from Patent WO0138577.

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    organism="Homo sapiens"

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PF 18-JUN-1999 JP 2000554749

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19-JUN-1998 US 60/089999,19-UU
19-JUN-1998 US 60/080999,19-UU
19-JUN-1998 US 60/090044,19-UU
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/db_xref="taxon:9606"
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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JP 2002534056-A/1038.

JP 2002534056-A/1038.

Home sapiens (human)
Home sapiens
Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Home.

1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparafion and use of superior vaccines
Preparafic 2002534056-A 1038 15-OCT-2002;
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13.7%; Score 10; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
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/organism="Homo sapiens"
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JP 2002534056-A/1038
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BD239620/c
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BD240609/c
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(C12N15/09,C12R1:93),C12N15/00,C12N5/00,A61K37/48,(C12N15/00,PC
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C12N1S/09,C12N5/10,C12N7/00//A61K38/43,A61K39/125,A61K39/13,
A61K39/135,
A61K39/145,A61K39/21,A61K39/23,A61K39/245,A61K39/29,A61K48/00,
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Synthetic construct

artificial sequences.

I (bases 1 to 10)

Draper,K.G., Dadyktz,L.W., Macswigen,J.A., Maysejak,D.G.,
Holsesk,J.J. and Mamone,A.J.

RIBOZYNE PHARMACEUTICALS INC

Artificial Sequence

NO Artificial Sequence

PN JP 2000342286-A.313 12-DEC-2000;

Artificial Sequence

PN JP 2000342286-A.313

PD 12-DEC-2000

PR 11-MAY-1992 US 07/882714 PR 11-MAY-1992 US 07/882712 PR 14-MAY-1992 US 07/88281 PR 14-MAY-1992 US 07/88421 PR 14-MAY-1992 US 07/884431 PR 14-MAY-1992 US 07/984359 PR 15-OCT-1992 US 07/98661 18-EP-1992 US 07/986359 PR 15-OCT-1992 US 07/98661 18-EP-1992 US 07/986359 PR 15-OCT-1992 US 07/98661 18-EP-1992 US 07/984359 PR 15-OCT-1992 US 07/98661 18-EP-1992 US 07/986359 PR 15-OCT-1992 US 07/98661 18-EP-1992 US 07/986359 PR 15-OCT-1992 US 07/986359 PR
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Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic RNA"
/do_xref="taxon:32630"
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ive 0; Mismatches 0;
                       Score 10; DB 1; L
Pred. No. 2.1e+02;
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           13.7%; Scc...
100.0%; Pred. No. 4...
0; Mismatches
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Seguence 312 from Patent EP1288296.
AX711012
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Best Local Similarity 100.
Matches 10; Conservative
                      Query Match 13.7
Best Local Similarity 100.
Matches 10; Conservative
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Influenza virus
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TGGTCATTTT 10
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TCATTGGTTT 10
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BD001153
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AX711012
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                                           AX623936 11 bp DNA
Sequence 977 from Patent W002053774.
AX623936.1 GI:28451877
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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1 GTCATTTTCT 10
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Length 11;

Query Match 13.7%; Score 10; DB 1; Length 11; Best Local Similarity 100.0%; Pred. No. 2.38+02; Matches 10; Conservative 0; Mismatches 0; Indels

/organism="Homo sapiens" /mol\_type="unassigned DNA" /db\_xref="taxon:9606"

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PR 29-JUL-1999 JP 2000563768
PR 07-AUG-1998 EP 98114853.9
PI EUGEN UHLMANN, ANUSCHIRMAN PEYMAN, ALAN BITONTI, RICHARD WOESSNER
PC C12N1S/09, A61K31/711, A61K31/7115, A61K31/712, A61K31/7125 PC
A61K300, A61K917/16, A61P27/02, A61P29/00, A61P35/00, A61P43/00,
PC A61P13/12, A61P17/16, A61P27/02, A61P29/00, A61P35/00, A61P43/00,
CC Description of Artificial Sequence: Antisense FH Kev
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1 (bases 1 to 12)
Thompson,J.D.
Method and reagent for treating chronic myelogenous leukemia
Patent: US 5714383-A 13 03-FEB-1998;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 14)
Wang/C.-G and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 185 19-JAN-1999;
Location/Qualifiers
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                                                                                                                                     Description of Artificial Sequence: Antisense FH Location/Qualifiers
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/organism='Artificial Sequence'.
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13.7%; Score 10; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 10; Conservative 0; Mismatches 0;
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Sequence 185 from patent US 5861244.
AR029996.1 GI:5943210
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Sequence 13 from patent US 5714383.
183639
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183639/c
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AR029996
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                  Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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BD248252

Short-chain oligonucleotide for inhibiting VEGF expression.
BD248252.
BD248252.
BD248252.
Short-chain oligonucleotide for inhibiting VEGF expression.
Synthetic construct
Synthetic construct
artificial sequences.
CE 1 (bases 1 to 12)
Short-chain oligonucleotide for inhibiting VEGF expression
AL Patent: JP 200254038-A 71 06-Aug-2002;
AVENTIS PHARMA DEUTSCHLAND GMBH
CS Artificial Sequence
PN JP 2002524038-A 71
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PN JP 2002524038-A 771
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 8399 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
                                                                                                   Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 5540 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 8399 from Patent WO02053774.
AX631357
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/mol_type="unassigned DNA"
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/organism="Homo sapiens"
/mol type="unassigned DNA"
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              Homo sapiens (human)
Homo sapiens
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PAT 16-MAY-2001
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// Organism="synthetic construct"
// mol_type="unassigned DNA"
// db_xref="taxon:32630"
// note="based on Homo sapiens. Each nucleobase may be part
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Antisense iap nucleobase oligomers and uses thereof
Patent: WO 03080638-A 100 02-OCT-2003;
Aegera Therapeutics Inc. (CA)
Location/Qualifiers
                                                                                                                                                                                                                                         13.7%; Score 10; DB 1; Length 15; larity 100.0%; Pred. No. 2.9e+02; Conservative 0; Mismatches 0; Indels
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                                                                          Unclassified.

1 (bases 1 to 15)
Stinchcomb,D.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 2257 27-FEB-2001;
Location/Qualifiers
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Stinchcomb.D.T., Jarvis,T. and McSwiggen,J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 2258 27-FEB-2001;
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                            15 bp DNA Sequence 2258 from patent US 6194150. AR133833.1 GI:14122738
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Sequence 100 from Patent WO03080638.
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/mol_type="unassigned DNA"
                                                                                                                                                                                        /organism="unknown"
/mol_type="unassigned DNA"
   AR133832
AR133832.1 GI:14122737
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AX923665.1 GI:40216681
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synthetic construct
artificial sequences.
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Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 197 19-JAN-1999;
Location/Qualifiers
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Dehiscence gene and methods for regulating dehiscence Patent: WO 0159122-A 9 16-AUG-2001;
Institute of Molecular Agrobiology (SG)
Location/Qualifiers
Query Match
13.7%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 10; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 2.7e+02;
tive 0; Mismatches 0; Indels
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Sequence 197 from patent US 5861244.
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/organism="unknown"
/mol_type="unassigned DNA"
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Arabidopsis thaliana
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Sequence 9 from Patent WO0159122.
AX211761
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Matches 10; Conservative
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Unclassified.

1 (bases 1 to 13)

Cronin,M.T., Miyada,C.G., Hubbell,E.A., Chee,M., Fodor,S.P.A.,
Ruang,X.C., Lipshutz,R.J., Lobban,P.E., Morris,M.S. and
Sheldon,E.L.
Arrays of nucleic acid probes for analyzing biotransformation genes
and methods of using the same
and methods of using the same
Patent: US 6309833-A 87 30-OCT-2001;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              de Jong, J.C., Fouchier, R.A., van den Hoogen, B.G., Osterhaus, A.D. and Groen, J.
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    13
/note="Essentially non-coding sequence, gene start'"

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84.6%; Pred. No. 2.88+02;
ive 0; Mismatches 2; Indels
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Sequence 167 from Patent WO02057302,
AX498134
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/mol_type="unassigned"
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/noTe="Pneumovirinae"
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/organism="unknown"
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     AR175364.1 GI:17916663
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Best Local Similarity 84.6
Matches 11; Conservative
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1 (bases 1 to 13)

1 (bases 1 to 13)

Chee, M., Cronin, M.T., Fodor, S.P.A., Huang, X.X., Hubbell, E.A., Lipshutz, R.J., Lobban, P.B., Morris, M.S. and Sheldon, E.L. Arrays of nucleic acid probes on biological chips

Patent: US 5837832-A 268 17-NOV-1998;

Location/Qualifiers
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Unclassified.
Unclassified.
In (bases 1 to 13)
Wangy.C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Ratent: US 5861244-A 56 19-JAN-1999;
Location/Qualifiers
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Best Local Similarity 84.6%; Pred. No. 2.8e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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                                                 Query Match 13.7%; Score 10; DB 1; Length 15; Best Local Similarity 71.4%; Pred. No. 2.9e+02; Matches 10; Conservative 0; Mismatches 4; Indels
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Sequence 268 from patent US 5837832.
ARO58691.1 GI:5984268
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Sequence S6 from patent US 5861244.
AR029867.1 GI:5943081
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Sequence 87 from patent US 6309823.
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PAT 07-OCT-1997
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Pred. No. 3e+02;
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1 (bases 1 to 14)
Brysch, W.D. and Schlingensiepen, K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 751 05-AUG-1998;
BIOGNOSTIK GES (DE)
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Sequence 15 from patent US 5652350.
158724
158724.1 GI:2477962
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Sequence 751 from Patent BP0856579.
A90570

    .14
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

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128562
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/organism="unknown"
/mol_type="unassigned DNA"
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I28562/c
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ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE EFFECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF--g(b))
PALENT: WO 942579-A 29 10-NOV-1994;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                      Score 9.8; DB 1; Length 14;
Pred. No. 3e+02;
0; Mismatches 2; Indels
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Best Local Similarity 84.6%; Pred. No. 3e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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unclassified.
(base1 to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPRATION METHOD
Patent: WO 9833904-A 1167 06-AUG-1998;
BIOGNOSTIK GES (DE), BRYSCH WOLFGANG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       unidentified
unclassified.
1 (bases 1 to 14)
Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONICLEOTIDE PREPARATION METHOD
PALEH: WO 9833904-A 751 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
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Sequence 1167 from Patent WO9833904.
A89019
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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84.6%;
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A88603/c
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A89019
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PAT 18-DEC-2003

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Schlingensiepen, G.F., Brysch, W., Schlingensiepen, K.H., Schlingensiepen, R. and Bogdahn, U.
Antisense-oligonuclectides for the treatment of immunosuppressive effects of transforming growth factor-beta (tgf-beta)
Patent: EP 1160119-A 29 05-DEC-2001;
BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK mbH (DE)
Location/Qualifiers
                                                                                                                                                                                          Unknow...
Unclassified.
1 (bases 1 to 14)
Fauchet, C.R.J.
Faxing unit with an end imprint in a threaded terminal portion Patent: US 6622057-A 111 14-0CT-2003;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                          Length 14;
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An antisense oligonucleotide preparation method.
BD066116
BD066116.1 GI:22611719
JP 2001511000-A/751.
unidentified
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/organism="unidentified"
/organism="unassigned DNA"
/mol_type="unassigned DNA"
/db xref="taxon:32644"
/noTe="Description of unknown: unknown"
                                                                                                                                                                                                                                                                                                                                                       Score 9.8; DB 1;
Pred. No. 3e+02;
0; Mismatches 2;
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Pred. No. 3e+02;
0; Mismatches 2;
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Sequence 111 from patent US 6632057.
AR408018.1 GI:40158005
                                                                                                                                                                                                                                                                                                 1. .14
/organism="unknown"
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Sequence 29 from Patent EP1160319.
AX316388 GI:17899561
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84.6%;
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84.6%;
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Matches 11; Conservative
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Best Local Similarity 84.6
Matches 11, Conservative
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14 TGCCTTCTTTCCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                              1 (Dases 1 to 14) Schlingensiepen, K.-H., Schlingensiepen, K.-H., Schlingensiepen, R. and Bogdahn, U. Antisense-oligonucleotides for transforming growth factor-.beta. (TGF-.beta.)
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 14)
Fauchet, C. R.J.
Fixing unit with an end imprint in a threaded terminal portion Patent: US 6632057-A 110 14-OCT-2003;
Location/Qualifiers
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 Unclassified.

1 (Dases 1 to 14)
Watanabe, K.A., Ren, W.-Y. and Weil, R. Complementary DNA and toxins
Patent: US 5652350-A 15 29-JUL-1997;
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Sequence 110 from patent US 6632057.
AR408017
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Location/Qualifiers
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/organism="unknown"
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                                                                                                                                                                                                                                                                                                                             AR232772 14 bp Sequence 29 from patent US 6455689. AR232772
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic DNA"
                                                                              Location/Qualifiers
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/organism="unknown"
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Matches 11; Conservative
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Unclassified.
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Matches 11; Conserv
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AR232772
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PAT 14-DEC-2001

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PAT 27-AUG-2002

922 TGCCTTTTATCCC 934

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1 (bases 1 to 15)
Wang, C.-G. and Hepburn, A.G.
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TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 201511000-A 1167 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown SCELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
ON-AUG-2001
PF 30-JAN-1998 JP 1998532533
PR 31-JAN-1998 JP 1998532533
PR 31-JAN-1997 EP 971015"
PI KARL HERNANN SCHT.
PC C12N15/11
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                          1 (bases 1 to 14)
Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 751 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
                                                                                                                           07-AUG-2001
310-JAN-1998 UP 1998532533
310-JAN-1997 97101531.8
KARL HERMANN SCHLINGENSIEDEN, WOLFGANG BRYSCH
C12N15/11,C07H21/04,A61K31/70
An antisense oligomucleotide preparation method FH
Location/Qualifiers
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JP 2001511000-A/1167
JP 200151000-A/1167
30-7AG-2001
30-7AM-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPERN, WOLFGANG BRYSCH
C12N15/11, C70712//04, A61K31/70
An antisense oligonucleotide preparation method FH
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Pred. No. 3e+02;
0; Mismatches 2; Indels
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An antisense oligonucleotide preparation method
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Location/Qualifiers
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Location/Qualifiers

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/mol_type="genomic DNA"
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                                                                                                                JP 2001511000-A/751
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Best Local Similarity 84.6%;
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Pred. No. 3.1e+02;
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1 (bases 1 to 15)
Erysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PARENT: WO 8833904-A 752 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 unidentified.
unclassified.
1 (bases 1 to 15)
Brysch,W.D. and Schlingensiepen,K.D.
An antisense oligonuclectide preparation method
Patent: EP 0856579-A 752 05-AUG-1998;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13.4%; Score 9.8; DB 1; L
84.6%; Pred. No. 3.1e+02;
tive 0; Mismatches 2;
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              Sequence 752 from Patent WO9833904.
A88604
A88604.1 GI:6737174
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Sequence 752 from Patent EP0856579.
A90571.1 GI:6739085
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AR041285
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AR050913/c
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AR055917/c
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Unclassified.
1 (bases 1 to 15)
Vary, C.P.H.
Vary, C.P.H.
Nucleic acid sequence detection by triple helix formation at primer site in amplification reactions
Patent: US 5800984-A 48 01-SEP-1998;
Location/Qualifiers
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Unknown.
Unclassified.
Unclassified.
Sullivans S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
Sullivans S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J.
TNF-alpha. ribozymes
Patent: US 5811300-A 74 22-SEP-1998;
Datent: US 5811300-A 74 22-SEP-1998;
Location/Qualifiers
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  Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 142 19-JAN-1999;
Location/Qualifiers
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Sequence 48 from patent US 5800984.
AR036806
AR036806.1 GI:5954662
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Sequence 74 from patent US 5811300.
AR041284 1 GI:5961780
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Unclassified.
Sullivan, S., Draper, K., Kisich, K., Stinchcomb, D.T. and McSwiggen, J. Sullivan, S., Interprese TNF-alpha. ribozymes
Patent: US 5811300-A 75 22-SEP-1998;
Location/Qualifiers
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Unknown.
Unclassified.
1 (bases 1 to 15)
1 (bases 1 to 15)
Lathe, R., Kieny, M.-P., Drillien, R. and Lecocq, J.-P.
Vaccine against rabies and process for preparation thereof
Patent: US 5830477-A 4 03-NOV-1998;
Location/Qualifiers
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Grimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and
Draper, K. G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 121 17-NOV-1998;
Location/Qualifiers
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Best Local Similarity 84.6%; Pred. No. 3.18+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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AR055917
AR055917.1 GI:5981494
AR041285 15 bp D
Sequence 75 from patent US 5811300.
AR041285 GI:5961781
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Sequence 4 from patent US 5830477.
AR050913.1 GI:5974277
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15 bp
Sequence 16 from patent US 5837832.
AR058439
AR058439.1 GI:5984016
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Sequence 17 from patent US 5837832.
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Sequence 8 from patent US 5837832.
AR058431
AR058431.1 GI:5984008
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1 (bases 1 to 15)
Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes Patent: US 5837542-A 288 17-NOV-1998;
Location/Qualifiers
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Grimm,S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and Draper,K.G.
Intercellular adhesion molecule-1 (ICAM-1) ribozymes
Patent: US 5837542-A 289 17-NOV-1998;
Location/Qualifiers
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                                             Length 15;
                                           Query Match
13.4%; Score 9.8; DB 1; Length 15
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 289 from patent US 5837542.
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Sequence 288 from patent US 5837542.
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   /organism="unknown"
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AR058431/c
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1 (bases 1 to 15)
Chee, M., Cronin, M.T., Fodor, S.P.A., Huang, X.X., Hubbell, E.A., Chee, M., Cronin, M.T., Fodor, S.P.A., Mishutz, W.J., Lobban, P.E., Morris, M.S. and Sheldon, E.L. Arrays of nucleic acid probes on biological chips
Patent: US 5837832-A 17 17-NOV-1998;
Location/Qualifiers
Thee,M., Cronin,M.T., Fodor,S.P.A., Huang,X.X., Hubbell,E.A., Lipshutz,R.J., Lobban,P.E., Morris,M.S. and Sheldon,E.L. Arrays of nucleic and probes on biological chips Patent: US 5837832-A 8 17-NOV-1998; Location/Qualifiers
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84.6%; Pred; No. 3.18+02;
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911 TCTTTGGTCTTTGC 924

15 rchrichichiacc 2

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DEFINITION ACCESSION VERSION

RESULT 416 AR113675/c LOCUS

Unknown.

ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS

TITLE

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PAT 16-MAY-2001
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PAT 16-MAY-2001
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1 (bases 1 to 15)

1 (bases 1 to 15)

1 strimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and

Draper, K.G.

Ribozyme treatment of diseases or conditions related to levels of intercellular addresion molecule-1 (ICAM-1)

Patent: US 6132967-A 289 17-OCT-2000;

Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Stinchcomb, D.T., Jarvis, T. and McSwiggen, J.
Nucleic acid based inhibition of CD40
Patent: US 6194150-A 1748 27-FEB-2001;
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AR133386
AR113843 15 bp DNA
Sequence 289 from patent US 6132967.
AR113843
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Sequence 1748 from patent US 6194150.
AR133323
AR133323.1 GI:14122228
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/organism="unknown"
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Best Local Similarity 84.6
Matches 11; Conservative
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AR133386
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Unclassified.
1 (bases 1 to 15)
Grimm.S., Stinchcomb,D.T., McSwiggen,J., Sullivan,S. and
Draper,K. G.
Ribozyme treatment of diseases or conditions related to levels of
intercellular adhesion molecule-1 (ICAM-1)
Patent: US 6132567-A 12 17-OCT-2000;
Location/Qualifiers
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1 (bases 1 to 15)

2 (bases 1 to 15)

2 (arimm, S., Stinchcomb, D.T., McSwiggen, J., Sullivan, S. and Draper, K.G.

Ribozyme treatment of diseases or conditions related to levels of intercellular adhesion molecule-1 (ICAM-1)

Patent: US 612967-A 288 17-OCT-2000;
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13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
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Pred. No. 3.1e+02;
0; Mismatches 2; Indels
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Sequence 121 from patent US 6132967.
AR113675
AR113675.1 GI:14093997
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Sequence 288 from patent US 6132967.
AR113842.1 GI:14094164
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/organism="unknown"
/mol_type="unassigned DNA"
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Query Match
Best Local Similarity 84.6%;
Matches 11; Conservative (

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901 CTGGTCATTTTCT 913

13 CTGGGAATTTTCT 1

Unknown. Unknown.

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REFERENCE AUTHORS

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959 GCTACCAACGGTG 971

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15 GCTAACAAAGGTG 3

RESULT 418 AR113843/c

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RESULT 421 I21576 LOCUS

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PAT 13-MAY-1997
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                                                                  1 (bases 1 to 15)
Sullivan, S., Draper, K.G., McSwiggen, J. and Stinchcomb, D.T.
IL-5 targeted ribozymes
Patent: US 5616488-A 64 01-APR-1997;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.
Unclassified.
1 (bases 1 to 15)
Sullivan, S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
IL-5 targeted ribozymes
IL-5 targeted ribozymes
Patent: US 5616488-A 73 01-APR-1997;
Location/Qualifiers
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Unclassified.
Unclassified.
Unclassified.
Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
IL-5 targeted ribozymes
IL-5 targeted ribozymes
Patent: US 5616488-A 169 01-APR-1997;
Location/Qualifiers
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13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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13.4%; Score 9.8; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.18+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 169 from patent US 5616488.
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Sequence 73 from patent US 5616488.
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139035.1 GI:2083515
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Unclassified.
Unclassified.
1 (bases 1 to 15)
Shah,J.S. Nietupski,R.M. and Liu,J.
Shah,J.S. Nietupski,R.M. and Liu,J.
Oligonucleotides complementary to mycobacterial nucleic acids
Patent: US 5521300-A 125 28-MAY-1996;
Location/Qualifiers
                                                                     Gaps
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Shah, U.S., Nietupski, R.M. and Liu, J.
Oligonucleotides complementary to mycobacterial nucleic acids
Patent: US 5521300-A 123 28-MAY-1996;
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Pred. No. 3.1e+02;
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Sequence 64 from patent US 5616488.
139026
139026.1 GI:2083506
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IL-5 targeted ribozymes
Patent: US 5616488-A 437 01-APR-1997;
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Unclassified.
1 (bases 1 to 15)
Sullivan, S., Draper, K.G., McSwiggen, J. and Stinchcomb, D.T.
Sullivan, S., Draper, K.G., McSwiggen, J. and Stinchcomb, D.T.
Il.5 targeted tibozymes

Il.5 targeted tibozymes

In.5 targeted tibozymes

In.5 Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Sullivan, S., Draper, K.G., McSwiggen, J. and Stinchcomb, D.T.
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Unclassified.
Sullivan,S., Draper,K.G., McSwiggen,J. and Stinchcomb,D.T.
IL-5 targeted ribozymes
IL-5 targeted ribozymes
Patent: US 5616488-A 170 01-APR-1997;
Location/Qualifiers
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Best Local Similarity 84.6%; Pred. No. 3.1e+02;
Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 437 from patent US 5616488.
139399.1 GI:2083879
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Sequence 170 from patent US 5616488.
139132 139132.1 GI:2083612
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Pavco, P., McSwiggen, J., Stinchcomb, D. and Escobedo, J.
Method and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6346398-8 8493 12-FEB-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 15)
Vogelstein,B., Kinzler,K.W., Zhang,L. and Zhou,W.
Gene expression profiles in normal and cancer cells
Patent: US 6333152-A 3 25-DEC-2001,
Location/Qualifiers
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                                                              Query Match 13.4%; Score 9.8; DB 1; Length 15; Best Local Similarity 84.6%; Pred. No. 3.18+02; Matches 11; Conservative 0; Mismatches 2; Indels
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Sequence 3 from patent US 6333152.
AR179935
AR179935.1 GI:20221968
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Query Match 13.4%; Score 9.8; DB 1; Length 15; Best Local Similarity 84.6%; Pred. No. 3.18+02; Matches 11; Conservative 0; Mismatches 2; Indels
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Matches 11; Conservative
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Best Local Similarity 84.6%;
Matches 11; Conservative
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Pavco, P., McSwiggen, J.A., Stinchcomb, D.T. and Escobedo, J. McMethod and reagent for the treatment of diseases or conditions related to levels of vascular endothelial growth factor receptor Patent: US 6566127-A 4147 20-MAY-2003;
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1 (bases 1 to 15)

1 (bases 1 to 15)

LeggetLC.G., Whitehouse, E. and Reeves, R.H.
Semlautomated method for finger-printing bacterial DNA
Patent: US 6395475-A 5 28-MAY-2002;
Location/Qualifiers
                                                                                                                                                                                                                                                                       Length 15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
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                                                                                                                                                                                                                                                                                                                                                                                                                      15 bp RNA
Sequence 4147 from patent US 6566127.
AR326745
                                                                                                                                                                Molecular torches
Patent: US 6361945-A 4 26-MAR-2002;
Location/Qualifiers
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/organism="unknown"
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                                                                                                                                                                                                              1. .15
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/mol_type="unassigned DNA"
                            15 bp Sequence 4 from patent US 6361945.
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Sequence 5 from patent US 6395475.
                                                                                                                                        1 (bases 1 to 15)
Becker, M.M. and Schroth, G.P.
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                                                                   AR201976.1 GI:20256515
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AR371311.1 GI:34608243
                                                                                                                                                                                                                                                                                                                            908 TTTTCTTTGGTCT 920
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                                                                                                                            Unclassified
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Best Local Similarity
Matches 11; Conserv
                                                        AR201976
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AR326745
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Method and reagent for inhibiting the expression of disease related
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                       Gaps
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Method and reagent for the inhibition of grid
Patent: WO 0165911-A 2245 30; AUG-2001;
RIBOZYME PHARMACEUTICALS, INC. (US) ; GLAXO GROUP LIMITED (GB)
Location/Qualifiers
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Score 9.8; DB 1; Length 15
Pred. No. 3.1e+02;
0; Mismatches 2; Indels
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Pred. No. 3.1e+02;
0; Mismatches 2;
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Patent: BP 1260586-A 149 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                      AX274676
Sequence 2245 from Patent WO0162911.
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/organism="unidentified"
/mol_type="unassigned RNA"
/db_xref="taxon:32644"
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Sequence 149 from Patent EP1260586.
AX633010
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PAT 21-FEB-2003
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Patent: EP 1260586-A 2420 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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Patent: EP 1260586-A 2438 27-NOV-2002;
RIBOZXME PHARMACEUTICALS, INC. (US)
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Sequence 2438 from Patent EP1260586.
AX635299
AX635299.1 GI:28470913
                                                                                15 bp R. Sequence 2420 from Patent EP1260586. AX635281. GI:28470895
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    forganism="unidentified"
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|db_xref="taxon:32644"

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Best Local Similarity 84.6%;
Matches 11; Conservative
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14 GCTAACAAAGGTG 2
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                                                      RESULT 438
AX635281/c
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AX635299
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
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RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="unidentified"
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/db_xref="taxon:32644"
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AX633148 AX633148.1 GI:28468762
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Sequence 289 from Patent EP1260586.
AX633150

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Best Local Similarity 84.6
Matches 11; Conservative
                                            13 CTGGGAATTTTCT 1
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                      901 CTGGTCATTTTCT
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Best Local S
Matches 11
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AX633148/c
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VERSION
KEYWORDS
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AUTHORS
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AUTHORS
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RESULT 440 AX635395 LOCUS DEFINITION ACCESSION

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REFERENCE AUTHORS

VERSION KEYWORDS

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Sequence 3864 from Patent EP1260586.
AX636725.
AX636725.1 GI:28472339
931 TCCCTCCTCTA 943
           TCCCTCCCCTCA 15
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Method and reagent for inhibiting the expression of disease related
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                                                                                                                                                                         Stinchcomb, D.T., Dudycz, L.W., Chowrira, B., Grimm, S., Direnzo, A., Karpelisky, A., Dataper, K.G., Kislch, K., Matulic-Adamic, J., Mcswiggen, J.A., Modak, A., Pavco, P., Beigelman, L., Sullivan, S.M., Sweedler, D., Thompson, J.D., Tracz, D., Usman, N., Wincott, F.E. and
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84.6%; Pred. No. 3.1e+02;
tive 0; Mismatches 2; Indels
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Pred. No. 3.1e+02;
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Patent: EP 1260586-A 2820 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                   Patent: EP 1260586-A 2818 27-NOV-2002;
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AX635681
AX635681.1 GI:28471295
Sequence 2818 from Patent EP1260586.
AX635679
AX635679.1 GI:28471293
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Location/Qualifiers
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Best Local Similarity 84.6%;
Matches 11; Conservative
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Pred. No. 3.1e+02;
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Patent: EP 1260586-A 2536 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                             genes
Patent: EP 1260586-A 2534 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                   Sequence 2534 from Patent EP1260586.
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Sequence 2536 from Patent EP1260586.
AX635397
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/organism="unidentified"
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artificial sequences.

1 (bases 1 to 15)
Inoko,H., Kagiya,T., Ichihara,T., Matsumura,Y., Moriya,S. and
Nishida,M.
Kit and method for determining HLA type
Patent: WO 0192572-A 24 06-DEC-2001;
NISSHINGO INDUSTRIES INC,SYSTEM RESEARCH INC,HIDETOSHI INOKO, TA
RAGIYA, TATSUO ICHIHARA,YOSHIYUKI MATSUMURA,SHOGO MORIYA,MICHIO
NISHIDA
AUTHORS Schlingensiepen, K.H. and Brysch, W.
TITLE An antisense oligonucleotide preparation method
JOURNAL Patent: JP 201511000-A 752 07-AUG-2001,
BLOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS Unknown 197 201511000-A/752
PD 07-AUG-2001
PF 30-JAN-1996 JP 1999532533
PR 31-JAN-1996 JP 1999532533
PR 31-JAN-1997 EP 97101577
PI KARL HERMANN SCHITTING
PC CI2N15/11
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WO 0192572-A/24
06-DEC-2001
01-JUN-2001 WO 2001JP004662
01-JUN-2000 JP 00P 164798
HIDETOSHI INOKO, TAEKO KAGIYA, TATSUO ICHIHARA, YOSHIYUKI
                                                                                                                                                                                                                                JP 2001511000-A/752
07-AUG-2001
30-JAN-1999 BP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
C12N15/11, C707421/04, A61K31/70
An antisense oligonucleotide preparation method FH
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SHOGO MORIVA, MICHIO NISHIDA
C1201/68, C12M1/00, C12N15/09, G01N33/53
Description of Artificial Sequence: capture
Key

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Location/Qualifiers
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WO 0192572-A/24.
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PN WO 011
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PC C12Q1
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FH Key
FT sourc
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 13.4%; Score 9.8; DB 1; Length 15; Best Local Similarity 84.6%; Pred. No. 3.1e+02; Matches 11; Conservative 0; Mismatches 2; Indels
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Patent: EP 1260586-A 3866 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
Location/Qualifiers
                                                                                                                                                                                                                                                                                                           genes
Patent: EP 1260586-A 3864 27-NOV-2002;
RIBOZYME PHARMACEUTICALS, INC. (US)
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Sequence 3866 from Patent EP1260586.
AX636727

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TCCTCTTCAAGGG 14
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Unknown.
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Wang, C.-G. and Hepburn, A.G.
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Genetic sequence assay using DNA triple strand formation
Patent: US 5661244-A 307 19-JAN-1999;
Patent: US 5661244-A 307 19-JAN-1999;
Location/Qualifiers
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In (bases 1 to 11)
Morgan, A.R. and Severini, A.
Compositions and methods for determining the activity of DNA-binding proteins and of initiation of transcription Patent: US 6297013-A 2 02-OCT-2001;
Location/Qualifiers
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Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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Sequence 307 from patent US 5861244.
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AR171022
AR171022.1 GI:17909972
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Sequence 2 from patent US 6297013.
AR171021
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Unclassified.
1 (bases 1 to 11)
Morgan,A.R. and Severini,A.
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AR030118.1 GI:5943332
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substantially complementary to SEQ ID Nos. 1 and 3 FH
Location/Qualifiers
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Unclassified.
1 (bases 1 to 11)
Reyes.G.R., Bradley,D.W., Twu,J.-S., Purdy,M.A., Tam,A.W.,
Rawczynski,K.Z. and Yarbough,P.D.
Hepatitis B virus vaccine and method
Patent: US 5741490-A 39 21-APR-1998;
Location/Qualifiers
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OS Artificial Sequence

No J-202519073-A/4

PD 02-JUL-1999 JP 2000558240

PR 02-JUL-1999 US 60/091816

PR 02-JUL-1999 US ECKEN, GARY P SCHROTH

PC 01201/68,C12NN15/09,C12NN15/00

CC Description of Artificial Sequence: Nucleotide base
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/mol_type="genomic DNA"
/db_xref="taxon:32630"
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artificial sequences.
I bases in to 15)
Becker, M.M. and Schroth, G.P.
Molecular torches
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                                                                                                               15 bp
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    931 TCCCTCCTCTTCA 943
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BD217212
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915 TGGTCTTTGCC 925

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Compositions and methods for determining the activity of dna-binding proteins and of initiation of transcription Patent: WO 0100817-A 2 04 JAN-2001;

DNAB Diagnostics, Inc. (CA)

Location/Qualifiers
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/note="Synthetic"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/noTe="Synthetic"
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Sequence 28 from Patent W00112858.
AX085766
AX085766.1 GI:13275716
                                11 bp
Sequence 2 from Patent W00100817.
AX063618
AX063618.1 GI:12541342
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Compositions and methods for determining the activity of DNA-binding proteins and of initiation of transcription Patent: US 6297013-A 3 02-0CT-2001; Location/Qualifiers
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Pred. No. 2.9e+02;
0; Mismatches 1; Indels
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Patent: US 6538173-A 59 25-MAR-2003;
Location/Qualifiers
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Seguence 279 from patent US 6538173.
AR301698
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/wol_type="genomic DNA"
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Best Local Similarity 90.9%;
Matches 10; Conservative (
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1 (bases 1 to 11)
Heber-Katz, E.
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Heber-Katz, E.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02033773-A 642 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 74 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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/note="Synthetic oligonucleotide"
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Pred. No. 2.9e+02;
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/mol_type="unassigned DNA"
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Sequence 74 from Patent WO02053773.
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Best Local Similarity 90.9
Matches 10; Conservative
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   Eukaryota, Metazoa, Chordata, Craniata; Vertebrata, Euteleostomi,
Mammalia; Eutheria; Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0218638-A 62 07-MAR-2002;
Gemini Genomics PLC (GB)
Location/Qualifiers
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Patent: WO 0218638-A 55 07-MAR-2002,
Gemini Genomics PLC (GB)
Location/Qualifiers
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                                                 He,T.C., Kinzler,K.W. and Vogelstein,B. ppar g(d) links apc to chemopreventive drugs Patent: Wo 011285-A 28 22-FEB-2001; The Johns Hopkins University (US) Location/Qualifiers
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/mol type="unassigned DNA"
/db xref="taxon:32630"
/note="Synthetic oligonucleotide"
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 55 from Patent WO0218638.
AX394510
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Sequence 62 from Patent WO0218638.
AX394517
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1046 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
                                                                                                                                                                                 Hofmann,K., Conradt,M. and Petersohn,D.
Method for determining skin strees or skin ageing in vitro
Patent: WO 02023773-A 790 11-JUL-2002;
HENKEL KGAA (DE)
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Seguence 1082 from Patent WO02053773.
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Seguence 790 from Patent WO02053773.
AX471213
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/mol_type="unassigned DNA"
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Identification of the genetic determinants of the polymorphic cypals expression
Patent: WO 02053775-A 92 11-JUL-2002;
EPIDAUROS BIOTECHNOLOGIE AG (DE)
Location/Qualifiers
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Hofmann, K., Conradt, M. and Petersohn, D.
Hofmann, K., Conradt, M. and Petersohn, D.
Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1082 11-JUL-2002;
HENKEL KGAA (DE)
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/organism="Homo sapiens"
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Pred. No. 2.9e+02;
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 559 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 92 from Patent WO02053775.
AX472101. GI:22207142
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/organism="Homo sapiens"
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/organism="Homo sapiens"
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/db_xref="taxon:9606"
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Best Local Similarity 90.9
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AX624279.1 GI:28452220
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AX624979
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AX625051/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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12.9%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
Patent: WO 2023774-4 720 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 720 from Patent WO02053774.
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/organism="Homo sapiens"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Momo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX624279 11 bp DNA
Sequence 1320 from Patent WO02053774.
AX624279
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/organism="Homo sapiens"
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PAT 21-FEB-2003
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 2023774-4 3851 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 3851 from Patent WO02053774.
AX626810
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Sequence 4402 from Patent W002053774.
AX627361 GI:28455399
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 Best Local Similarity 90.9
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02033774-A 2092 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 2023774-4 2806 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3367 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 3367 from Patent W002053774.
AX626326
AX626326.1 GI:28454364
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/organism="Homo sapiens"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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    Patent: WO 02053774-A 5284 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 5557 from Patent W002053774.
AX628516 GI:28456554
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 4618 11-UUL-2002;
Enkel Kommanditgesellschaft auf Aktien (DE)
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Method for determining homeostasis of the skin
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Sequence 4618 from Patent WO02053774.
AX627577
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Sequence 5004 from Patent WO02053774.
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Sequence 5284 from Patent WO02053774.
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Homo sapiens
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 6654 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 0203774-4 6712 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 6712 from Patent W002053774.
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Sequence 7310 from Patent WO02053774.
AX630269
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 8227 from Patent WO02053774.

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Unknown.
Unclassified.
1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Genetic sequence assay using.
Patent: US 5861244-A 9 19-JAN-1999;
Location/Qualifiers
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                      Best Local Similarity 90.9%; Pred. No. 2.9e+02;
Matches 10; Conservative 0; Mismatches 1;
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12.9%; Score 9.4; DB 1;
Best Local Similarity 90.9%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 1;
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12.9%; Score 9.4; DB 1;
Best Local Similarity 90.9%; Pred. No. 3.1e+02;
Matches 10; Conservative 0; Mismatches 1;
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/organism="unidentified"
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Location/Qualifiers
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Sequence 9 from patent US 5861244.
AR029820 1 GI:5943034
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AR030027
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A15123
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JP 2002503460-A/279.
Mus musculus (house mouse)
Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria; Rodentia, Sciurognathi, Muridae; Murinae; Mus.
Xatz,E.H.
Mus musculus (house mouse)
Mus musculus
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Rodentia, Sciurognathi; Muridae, Murinae, Mus.
Katz, S.H.
                                                                                                                                                Compositions and method for healing wound Patent: JP 2002503460-A 59 05-FEB-2002;
THE WISTAR INSTITUTE
OS Mus musculus (mouse)
PD 05-FEB-2002
PD 05-FEB-2002
PD 05-FEB-1999 JP 2000531545
PR 13-FEB-1999 US 60/074737,26-AUG-1998 US 60/097937 PR 28-SEP-1998 US 60/102051
PT ELLER HEBER XATZ
PC CLEAR HEBER XATZ
PC CLEARS (201033/50, CL2015/00, 1201/68, G01033/50, CL2015/00, 12015/00
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THE WISTRAT INSTITUTE
OS Mus musculus (mouse)
PD 05-FEB-2002
PD 05-FEB-2002
PD 05-FEB-2002
PD 06-FEB-2003
PD 06-FEB-20
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/organism='Mus musculus (mouse)'.
Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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BD023286
BD03286.1 GI:22564509
JP 2001505428-A/31.
Homo sapiens (human)
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The particular of the properties o
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Unclassified.

1 (Dases 1 to 12)
Wang,C. G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 216 19-JAN-1999;
Location/Qualifiers
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Pred. No. 3.2e+02;
0; Mismatches 1; Indels
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unclassified.
(bases 1 to 13)
Pallisgaard, N. and Hokland, P.
DETECTION OF CHROMOSOMAL ABNORMALITIES
Patent: WO 924928-A 31 11-JUN-1998;
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)
                                                                                                                                                                                                                                             Score 9.4; DB 1;
Pred. No. 3.1e+02;
0; Mismatches 1;
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Sequence 31 from Patent WO9824928.

    .13
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Best Local Similarity 90.9%;
Matches 10; Conservative
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Best Local Similarity 90.9%;
Matches 10; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Fariagara; Lo 13)

E pariagara; Lo 13)

S Pariagara; Lo 13)

Method for detecting abnormality in chromosome

L Patent: UP 2001505428-A 31 24-APR-2001;

NELLG PARISGARD

PN JP 2001505428-A/31

PD 24-APR-201

PF 08-DEC-1997 JP 1998525090

PI NEILLS PARISGARD, PATER HOKURANDO

PC C12N1S/09; C12Q1/68, G01N33/50, C12N15/00

CC Strandedness: Single;

CC Topology: Linear;
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Fauchet, C.R.J.
Fixing unit with an end imprint in a threaded terminal portion Patent: US 6632057-A 88 14-OCT-2003;
Location/Qualifiers
Gaps
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/organism='Trichosporon aquatile'.
Location/Qualifiers
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Method for detecting abnormality in chromosome.

    .13
    Coganism="Trichosporon aquatile"
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/mol_type="unassigned RNA"
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PAT 22-JAN-2000
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Unclassified.
1 (bases 1 to 14)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 98 19-JAN-1999;
Location/Qualifiers
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Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                              unidentified
unidentified
unclassified.
1 (Lases 1 to 14)
Brysch,W.D. and Schlingensiepen,K.D.
An antisense oligonucleotide preparation method
Patent: EP 0856579-A 658 05-AUG-1998;
BIOGNOSTIK GES (DE)
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AR119021
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AR029909.1 GI:5943123
                                                                                                14 bp Sequence 658 from Patent BP0856579. A90477

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Best Local Similarity 90.79,
...hes 10; Conservative
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A90477
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12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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12.9%; Score 9.4; DB 1; Length 14;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1; Indels
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLICONUCLEOTIDE PREPARATION METHOD
PATENT: WO 9833904-A 658 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Brysch, W. and Schlingensiepen, K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
PATENT WO 9833904-A 1722 06-AUG-1998;
BIOGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Key
Location/Qualifiers
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Sequence 1722 from Patent WO9833904.
A89574
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Sequence 658 from Patent W09833904.
A88510 GI:6737080
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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

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A88510

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DEFINITION ACCESSION VERSION KEYWORDS SOURCE

RESULT 500 A89574

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REFERENCE AUTHORS TITLE JOURNAL

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JP 2001511000-A/1722.
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JP 2001511000-A/658.
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1 (bases 1 to 14)
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1 (Dases 1 to 14)

2 Schlingensiepen, K.H., Schlingensiepen, R. and Brysch, W. A method for tsimulating the immune system

2 A method for tsimulating the immune system

3 Patent: JP 2002s17434-A 200 18-UNY-2002;

BIOGNOSTIK GESELISCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH

OS Homo sapiens (Human)

PD 18-JUN-2002

PD 18-JUN-1999 UP 2000553044

PR 10-JUN-1999 EP 98113974.4 PI

RARL, HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidee; Homo.
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A61P35/02,A61P37/02,C12N15/09,A61K37/02,C12N15/00 CC
od for stimulating the immune system
Kev Location/Qualifiers
Uchida,K., Uchida,T., Tanaka,Y., Matsuda,Y. and Kondo,S. Antisense nucleic acid compound targeted to VEGF Patent: US 615092-A 147 21-NOV-2000; Location/Qualifiers
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                                                                                                                       Length 14;
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A method for stimulating the immune system.
BD235096
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12.9%; Score 9.4; DB 1;
Best Local Similarity 90.9%; Pred. No. 3.4e+02;
Matches 10; Conservative 0; Mismatches 1;
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nilarity 90.9%;
Conservative 0
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Homo sapiens (human)
Homo sapiens
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Brysch, W., Schlingensiepen, K.H. and Schlingensiepen, R. A method for stimulating the immune system patent: WO 9963975-A 200 16-DEC-1999; BIOGNOSTIK GES (DB.): BRYSCH WOLFGARG (DE); SCHLINGENSIEPEN KARL HERMANN (DE); SCHLINGENSIEPEN REIMAR (DE)
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonucleotide preparation method
Patent: JP 2001511000-A 658 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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14 bp DNA lines
An antisense oligonuclectide preparation method
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Gaps

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PAT 18-SEP-2002

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Viruses; dSDNA viruses, no RNA stage; Adenoviridae; Mastadenovirus.

1 (bases 1 to 14)
Hearing, P., Schmid, S.I., Ostapchuk, P.H. and Erturk, E.
Selective regulation of adenovirus production
Patent: JP 2002506355-4 26-FEB-2002;
THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTISENSE-OLIGONUCLEOTIDES FOR THE TREATMENT OF IMMUNOSUPPRESSIVE PEPECTS OF TRANSFORMING GROWTH FACTOR--g(b) (TGF--g(b))
PALENT: WO 9425578-A 118 10-NOV-1994;
BIOGNOSTIK GES (DE)
                                                                                                                                                                                                                                                                                                                                                                                                                     PF 15-APR-1999 JP 1999552110
PR 15-APR-1998 US 60/081867,05-JUN-1998 US 60/088321
PATRICK HEARING, SUSANNE I SCHMID, PHILONIENA H OSTAPCHUK, ECE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 9.4; DB 1; Length 14; Pred. No. 3.4e+02; 0; Mismatches 1; Indels
                                                                                                                                                    linear
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     1; Indels
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                                                                                                                                             Selective regulation of adenovirus production.
BD135833
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/organism="unidentified adenovirus"
/mol_type="genomic DNA"
/db_kref="taxon:10535"
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/organism='Adenovirus'
Location/Qualifiers
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Pred. No. 3.7e+02;
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     Mismatches
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    .14
/organism="unidentified"
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/db_xref="taxon:32644"

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unidentified adenovirus
unidentified adenovirus
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JP 2002506355-A/4
26-FEB-2002
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Best Local Similarity 90.9%;
Matches 10; Conservative
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78.6%;
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   Matches 10; Conservative
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BD135833
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JAMES C NORTON
COMES C NORTON
Strandedness: Single;
Topology: Linear;
/desc = 'peptide nucleic acid (PNA), where (deoxy(ribose- CC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        unidentified
unclassfied.

1 (bases 1 to 14)
Shay,J.W., Wright,W.E., Piatyszek,M.A., Corey,D. and Norton,J.C.
Modulation of mammalian telomerase by peptide nucleic acids
ERRCHT: JP 2001517929-A 49 09-OCT-2001;
GERON CORP
                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                      Key
                                                            Unknown
JP 2001511000-A/1722
07-AUG-2001
30-JAN-1998 JP 1998522533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
CL2N15/11,CO7121/04,AG1K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
Schlingensiepen, K.H. and Brysch, W. An antisense Oligonucleotide preparation method Patent: JP 201511000-A 1722 07-AUG-2001, BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
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CC nucleotide bases via glycine amino N through a

methylenecarbonyl linker,

FH Key Location/Qualifiers

FT source 1.14 /organism='Unidentified'.
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/organism='Unknown'
Location/Qualifiers
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/organism="unidentified"
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/db_xref="taxon:32644"

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    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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JP 2001517929-A/49
09-0CT-2001
09-APR-1997 JP 1997536487
09-APR-1996 US 08/630019
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                                              Unknowu.
Unclassified.
1 (bases 1 to 14)
1 (bases 1 to 14)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Genetic US Se61244-A 78 19-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (Asses 1 to 14)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 97 19-JAN-1999;
Location/Qualifiers
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1 (bases 1 to 14)
Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 318 19-JAN-1999;
Location/Qualifiers
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Pred. No. 3.7e+02;
0; Mismatches 3;
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Sequence 318 from patent US 5861244.
AR030129.1 GI:5943343
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GI:5943103
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Best Local Similarity 78.6%;
Matches 11; Conservative
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AR029889.1
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AR029908/c
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Best Local Similarity 78.6%; Pred. No. 3.76+02;
Matches 11; Conservative 0; Mismatches 3; Indels
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1 (bassified.
Brysch,W. and Schlingensiepen,K.
AN ANTISENSE OLIGONUCLEOTIDE PREPARATION METHOD
Patent: WO 9833904-A 1253 06-AUG-1998;
BIGGNOSTIK GES (DE); BRYSCH WOLFGANG (DE)
Location/Qualifiers
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Sequence 1253 from Patent W09833904.
A89105 GI:67137675
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GENE FOR FRIEDREICH'S ATAXIA
Patent: WO 970534-A 52 13-FEB-1997;
IMPERIAL COLLEGE (GB)
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                                                                                                                                                                                                                                                                                                                                                                                 organism="unidentified"
/mol_type="unassigned DNA"
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    Mismatches
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Sequence 52 from Patent WO9705234.
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                                 945 TGGTTTAATGTATC 958
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A59502.1 GI:3714814
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AR029889
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14 bp DNA linear PAT 28-JUL-1999 Oligonucleotide which modulates expression, production or reception of hepatocyte growth factor or expression of c-Met.
E15992
E15992 IG:5710675
Up 1998127286-A/17.
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OC Artificial sequences.

PN J9-MAY-1998

PD 19-MAY-1996 JP 1996291499

PF 10-NOV-1996 JP 196291499

PI ISHIKAMA TESUVA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC

C12N15/09, A6.K131/70, A6.K131/70, CO7H21/04;

CC strandedness: Single;

CC topology: Linear;

CC hypothetical: No;

FH Key Location/Qualifiers

FH Source 1. 14

FT Source //organism='Artificial sequences'.
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Schlingensiepen, K.-H.,
Schlingensiepen, K.-H.,
Schlingensiepen, R. and Bogdahn, U.
Antisense-oligonucleotides for transforming growth factor-.beta.
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/organism='Artificial sequences'
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                                                                                                                                                                                                                                                                                                                                                                                                              1 (bases 1 to 14)
Ishikawa, T., Shigematsu, T. and Yamamoto, A.
OLIGONUCLEOTIDE FOR SUPPRESSING PRODUCTION OF HGF
PALENT, JP 1998127286-A 17 19-MAY-1998;
TERUMO CORP
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Patent: US 6455689-A 118 24-SEP-2002;
Location/Qualifiers
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Sequence 118 from patent US 6455689.
AR232861.1 GI:27275199

    .14
    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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/organism="unknown"
926 TITTATCCTCCTC 939
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                           14 TICCTICCTICTIC 1
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OC Artificial sequences.

OC Artificial sequences.

PN UP 1998127286-A/16

PD 19-MAX-1998

PF 01-MOV-1996 JP 1996291499

PF 1SHIKWAW TESUVA, SHIGEMATSU TAKASHI, YAMAMOTO AKIHIRO PC CLOSIS/09, AGIK31/70, AGIK31/70, CO7H21/04;

CC Strandedness: Single;

CC hypothetical: No;

CC hypothetical: No;

FH Key Location/Qualifiers

FT source /organism='Artificial sequences'.
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Unknown.
Unclassified.
Unclassified.

I (bases 1 to 14)

Kumar, V.B.
Antisense modulation of amyloid beta protein expression
Patent: US 6310048-A 2 30-OCT-2001;

Location/Qualifiers
Location/Qualifiers
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UP 199812786-A/16.
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I (bases 1 to 14)
I (bases 1 to 18)
I (bases 1 to 19)
I (bases 1 
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12.6%; Score 9.2; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                 linear
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Sequence 2 from patent US 6310048.
AR176028 GI:17917327
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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931 TCCCTCCTCTTCAT 944
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PAT 14-DEC-2001
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                                            Bogdahn, U., Brysch, W., Schlingensiepen, G.F., Schlingensiepen, K.H. and Schlingensiepen, R.
Antisense-oligonucleotides for the treatment of immuno-suppressive effects of transforming growth factor-b2(tgf-b2)
Patent: EP 1006649-A 118 14-JUN-2000;
BIOGNOSTIK GES (DE)
Location/Qualifiers
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Schlingensiepen, K.H. and Brysch, W.
An antisense oligonuclectide preparation method
Patent JP 2001511000-A 1253 07-AUG-2001;
BIOGNOSTIK GESELLSCHAFT FUR BIOMOLEKULARE DIAGNOSTIK MBH
OS UNKNOWN
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/organism="unidentified"
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An antisense oligonucleotide preparation method.
ED066618
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Sequence 118 from Patent EP1160319.
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JP 2001511000-A/1253.
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   Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
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Presco, J.R. and Johnson, M.D.

Triplex in-situ hybridization

Patent: US 6461810-A 14 08-OCT-2002;

Location/Qualifiers
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Fresco, J.R. and Johnson, M.D.
Triplex in-situ hybridization
Patent: US 6461810-A 48 08-OCT-2002;
Location/Qualifiers
                                                                                                                                                                             AR235515 14 bp 1
Sequence 14 from patent US 6461810.
AR235515
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Sequence 118 from Patent BP1008649.
AX030156
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                                                       945 TGGTTTAATGTATC 958
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Homo sapiens
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Unclassified.
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Gaps

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PAT 26-OCT-2001
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 560 04-0CT-2001;
UNIVERSITY OF DELAWARE (US)
Location/Qualifiers
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Targeted chromosomal genomic alterations with modified single
stranded oligonuclectides
Patent: WO 0173002-A 559 04-OCT-2001;
UNIVERSITY OF DELAWARE (US)
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Pred. No. 4.1e+02;
0; Mismatches 3; Indels
                               Score 9.2; DB 1; Length 14; Pred. No. 3.7e+02; 0; Mismatches 3; Indels
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12.6%; Score 9.2; DB 1; Length 17
Best Local Similarity 78.6%; Pred. No. 4.1e+02;
Matches 11; Conservative 0; Mismatches 3; Indels
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/db_xref="taxon:9606"
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                                                    Similarity 78.6
11, Conservative
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Best Local Similarity 78.6
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AX263168
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Balzergue, S.

Direct Submission

AL Submitted (21-70V-2002) Balzergue S., UWRGV, INRA/CNRS, 2 rue

Bubmitted (21-70V-2002) Balzergue S., UWRGV, INRA/CNRS, 2 rue

Gaston Cremieux, 91057 Evry cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana

plants from INRA (Versailles). The DNA fragment(s) resulting from

the PCR were directly sequence from the left or the right border

to determine the genomic sequence flanking the insertion. T-DNA

derived sequences were removed. Information to order the

corresponding mutant line and a link to a database providing a

graphical display of the insertion site are available at

http://dbsgap.versailles.inra.fr/publiclines/. This sequence has

been generated in the framework of the French plant genomics

program 'Genoplante' (http://www.genoplante.com and

http://genoplante-info.infobiogen.fr).

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Location/Qualifiers
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Arabidopsis thaliana T-DNA flanking sequence, left border, clone
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Chauvin,S., Bechtold,N., Cruaud,C., DeRose,R., Pelletier,G.,
Lepiniec,L., Caboche,M. and Lecharny,A.
T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
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Organism="Arabidopsis thaliana"
forganism="Massillewskija"
forlivar="Wassillewskija"
db_xref="taxon:3702"
clone="110807"
clone="110b="Arabidopsis thaliana T-DNA insertion lines"
                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                    Key
                                    30-JAN-1998 JP 1998532533
31-JAN-1997 EP 97101531.8
KARL HERMANN SCHLINGENSIEPEN, WOLFGANG BRYSCH
20115/11, 20712/104, A61K31/70
An antisense oligonucleotide preparation method FH
Location/Qualifiers
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/organism='Unknown'.
Location/Qualifiers

    1. 14 / Inote="T-DNA flanking sequence"

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AJ525954.1 GI:26794214
left border, T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
                                                                                                                                                                                                                     1. .14
/organism="unidentified"
/wol_type="genomic DNA"
/db_xref="taxon:32644"
JP 2001511000-A/1253
07-AUG-2001
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78.6%;
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Homo sapiens (human)
JP 2002534056-A/1326
15-OCT-2002-1999
18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/090039,19-JUN-1998 US
                                                                                                                                                    18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/0900
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JP 2002534056-A/521
15-OCT-2002
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Discrimination and detection of target nucleotide sequences using mass spectrometry
Patent: WO 03060163-A 44 24-JUL-2003;
Keygene N.V. (NL)
Location/Qualifiers
                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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12.3%; Score 9; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 2.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                            Liggett, S.B. and Small, K.M.
Alpha-2 adrenergic receptor polymorphisms
Patent: Wo 01/9561-A 3 25-OCT-2001;
Liggett, Stephen B. (US) ; Small, Kersten M. (US)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 2.6e+03;
Matches 9; Conservative 0; Mismatches 0;
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/db_xref="teaxon:32630"
/noTe="stuffer sequence"
                                                     DNA
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/db_xref="taxon:9606"
                                                 9 bp
Sequence 3 from Patent WO0179561.
AX350491
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JP 2002534056-A/521.
Homo sapiens (human)
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synthetic construct
artificial sequences.
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Homo sapiens
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PC _C12N15/00,C12N5/00,C12N15/00
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JP 2002534056-A/1326.
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens
Eukaryotes, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 10)
1 (bases 1 to 10)
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1326 15-OCT-2002;
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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60/090045 PR
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12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels
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60/08997.19-UUN-1998 UG
60/089992.19-UUN-1998 UG
60/089992.19-UUN-1998 UG
60/089992.19-UUN-1998 UG
60/089999.19-UUN-1998 UG
60/090042.19-UUN-1998 UG
60/090044.19-UUN-1998 UG
60/089994.19-UUN-1998 UG
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                                                      1 (bases 1 to 10)
Roberts, B. L. and Shankara, S. Preparation and use of superior vaccines Patent: JP 2002534056-A 521 15-OCT-2002; GENZYME CORP
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08-DEC-1998 US 60/111715
PI BRUCE L ROBERTS, SRINIVAS SHANKARA
PC C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15, PC
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                                                                       C12N1/19,
PC C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/56, G01N37/00,
PC C12N15/00, C12N5/00, C12N15/00
PC C12N15/00, C12N5/00, C12N15/00
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Shimamoto, A., Furuichi, Y., Shibata, Y., Funaki, H., Ohara, E. and
Matahiki, M.
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Key Location/Qualifiers
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Unclassified.
3 1 (bases 1 to 10)
S Wakefield, wakefield.
A Patent: US 6534259-A 5 18-MAR-2003;
3S Location/Qualifiers
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7...31.e+0;
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Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0;
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Sequence 60 from patent US 6544736.
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19-UUN-1998 US 60/090041,19-UUN-1998 US 60/089853 PR
19-UUN-1998 US 60/08997,19-UUN-1998 US 60/08079 PR
19-UUN-1998 US 60/089921,19-UUN-1998 US 60/089933 PR
19-UUN-1998 US 60/08997,19-UUN-1998 US 60/08991 PR
19-UUN-1998 US 60/080000,19-UUN-1998 US 60/08991 PR
19-UUN-1998 US 60/080042,19-UUN-1998 US 60/08991 PR
19-UUN-1998 US 60/080042,19-UUN-1998 US 60/08991 PR
19-UUN-1998 US 60/080041,19-UUN-1998 US 60/08931 PR
19-UUN-1998 US 60/080061,19-UUN-1998 US 60/08931 PR
19-UUN-1998 US 60/080061,19-UUN-1998 US 60/08931 PR
19-UUN-1998 US 60/080078,19-UUN-1998 US 60/080047 PR
19-UUN-1998 US 60/080078,19-UUN-1998 US 60/080045 PR
19-UUN-1998 US 60/080078,19-UUN-1998 US 60/080045 PR
19-UUN-1998 US 60/080078,19-UUN-1998 US 60/080045 PR
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PC C12N15/00, C12N5/00, C12N15/00, C12N1
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BD240077.1 GI:33049847
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1495 15-OCT-2002;
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60/080853 PR
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Best Local Similarity 100.0%; Pred. No. 3.1
Matches 9; Conservative 0; Mismatches

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JP 2002534056-A/1495
15-OCT-2002
18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/090039
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PR 19-00N-1
PR 19-00N-1998 U
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1 (bases 1 to 10)
Olson,E.N., Grant,S.R. and Molkentin,J.D.
Cardiac hypertrophy model animal relating to NF-AT3 function and
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                                                                                                                                                                                                    Human transcriptomes
Patent: WO 0138577-644 31-MAY-2001;
The Johns Hopkins University (US)
Location/Qualifiers

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Seguence 237 from Patent WO0185941.
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Unclassified.
1 (bases I to 10)
Shimmoto, A., Furuichi, Y., Shibata, Y., Funaki, H., Ohara, E. and Watahiki, M.
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Shimamoto,A., Furuichi,Y., Shibata,Y., Funaki,H., Ohara,E. and
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                        Query Match
12.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Watahiki,M.
Method for synthesizing cDNA from mRNA sample
Patent: US 6544736-A 80 08-APR-2003;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Method for synthesizing cDNA from mRNA sample
Patent: US 6544736-A 143 08-APR-2003;
Location/Qualifiers
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AR303418
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Sequence 80 from patent US 6544736,
AR303355
AR303355.1 GI:31692131
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/organism="unknown"
/mol_type="genomic DNA"
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/wol_type="genomic DNA"
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Unclassified.
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AX152729/c
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AR303355/c
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BD081743 10 bp DNA linear PAT 27-AUG-2002 Cardiac hypertrophy model animal relating to NF-AT3 function and therapeutic method.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Homo sapiens (human)
Memo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhin; Hominidae; Homo.
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Glirulus japonicus
Glirulus japonicus
Glirulus japonicus
Glirulus japonicus
Mammalia; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria, Rodentia, Sciurognathi, Myoxidae, Myoxinae,
Glirulus.
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Myc targets
Patent: WO 0185941-A 237 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
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                                                                                                                                                      Velculescu, V.E., Vogelstein, B. and Kinzler, K.W.
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                                                                                                                              אסטבר 11 pp DNA linear Nuclectide sequence 2 from patent number EP0346316.
A10043
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Gidlund,M., Lake,M., Loewenadler,B. and Wigzell,H.
Fusion protein and its use
Patent: EP 0346316-A 2 13-DEC-1989;
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01/19conucleotide adaptor BB986 (SEQ ID NO: 33).
A17133.1 GI:512183
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
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Patent: WO 9313206-A 33 08-JUL-1993;
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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synthetic construct
artificial sequences.
1 (bases 1 to 11)
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Best Local Similarity 100.
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A18073
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A10043/C
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AUTHORS
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                                                g
therapeutic method

Datent: JP 2001520170-A 7 30-OCT-2001;

BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER

OS Glirulus japonicus
OS Glirulus japonicus
PD 30-OCT-2001
PP 15-OCT-1998 JP 2000516024
PR 16-OCT-1998 US 60/062864,10-NOV-1997 US 60/065178 PR 16-OCT-1998 US 60/061851.6-ARR-1998 US 60/081851.6-ARR-1998 US 60/081851.6-ARR-1998 US 60/081851.6-ARR-1998 US 60/081851.711,AGIKS/00,AGIK39/395,AGIK39/O0,AGIK49/O0,
CLSON,STEPHEN R GRANT,UEFFREY D MOLKENTIN PC AGIK49/O0,AGIP9/O4,CO7K14/58,C12N15/09,AGIK39/395,AGIK39/O0,AGIK49/O0,
CC Cardiac hypertrophy model animal relating to NF-AT3 function and and and cc therapeutic method
FR Key Location/Qualifiers
FT Source 1...0
FT FOURCE 1...0
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C12P21/08,
C12N15/00
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unidentified

unclassified.

1 (bases 1 to 10)

Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.

Human liver disease-expressing genes

Taken Science And Taylor Corp.

Taken Science And Taylor Corp.

Taylor Sopiens (human)

PN JP 2002209591-A/32

PD 30-JUL-2001 JP 2001012228

PP 19-JAN-2001 JP 2001012228

PP 19-JAN-2001 JP 2001012328

PP MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
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                                                                                                                                                                                                                                                                                                                            ce 1..10 /organism='Glirulus japonicus'
Location/Qualifiers
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100.0%; Pred. No. 3.1e+02;
tive 0; Mismatches 0;
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Key
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Human liver disease-expressing genes.
BD166487 101:27872299
JP 2002209591-A/32.
unidentified

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    /organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

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Matches 9; Conservative
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                                                PHARMACEUTICALLY ACTIVE PROTEINS COMPRISING AN ACTIVE PROTEIN AND AN INTEGRINAFINITY SEQUENCE
PATCHL: WO 9207874-A 7 14 "MY-1992;
Location/Qualifiers
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Craig.S., Hunter,M.George., Edwards,R.Mark., Czaplewski,L.George.
and Gilbert,R.James.
Stem cell inhibiting proteins
Patent: US 5856301-A 33 05-JAN-1999;
Location/Qualifiers
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        /db_xref="taxon:32630"

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SEQ ID NO: 6; Oligonucleotide adaptor.
A19998
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AR027517
AR027517.1 GI:5938337
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Patent: WO 9109125-A 6 27-JUN-1991;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
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1 (Dassit.c.)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 160 19-JAN-1999;
Location/Qualiflers
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1 (bases 1 to 11)
Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 134 19-JAN-1999;
Location/Qualifiers
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 0; Mismatches
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Unknown.
Unclassified.
1 (base 1 to 11)
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb targeted ribozymes
Patent: US 5646042-A 46 08-JUL-1997;
Location/Qualifiers
/organism='Artificial Sequence'
                                                                                                                        12.3%; Score 9; DB 1; Length 11; llarity 100.0%; Pred. No. 3.3e+02; Conservative 0; Mismatches 0; Indels
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Dawson,K., Hunter,M.G. and Czaplewski,L.G.
Fibrinolytic and anti-thrombotic cleavable dimers
Patent: US 5434073-A 6 18-JUL-1995;
Location/Qualifiers
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Sequence 46 from patent US 5646042.
152305.1 GI:2473506
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        1 (bases 1 to 11)
Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 196 19-JAN-1999;
Location/Qualifiers
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Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
Stinchcomb.D.T., Draper,K., McSwiggen,J. and Jarvis,T.
C-myb ribozymes having 2'-5'-linked adenylate residues
Patent: US 5817796-A 46 06-OCT-1998;
Location/Qualifiers
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Sequence 46 from patent US 5817796.
AR045253
AR045253.1 GI:5966718
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalla, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 1108 11-JUL-2002;
Henkel Kommanditgeeellschaft auf Aktien (DE)
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                 Sequence 1108 from Patent W002053774. AX624067
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HENKEL KGAA (DE)
Location/Qualifiers
1. .11
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Best Local Similarity 100.0
Matches 9; Conservative
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: Wo 02053773-A 337 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 962 11-JUL-2002;
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Heber-Katz,E.
Compositions and methods for wound healing
Patent: US 6538173-A 222 25-MAR-2003;
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             11 bp Dl Sequence 222 from patent US 6538173. AR301641. GI:31689443
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Seguence 962 from Patent W002053773.
AX471385

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/mol_type="unassigned DNA"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 2047 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3764 11-UUL-2002;
Barkel Kommanditgesellschaft auf Aktien (DE)
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ilarity 100.0%; Pred. No. 3.3e+02;
Conservative 0; Mismatches 0;
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 1690 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A, 1737 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 1737 from Patent W002053774.
AX624696 AX624696.1 GI:28452637
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Sequence 2047 from Patent WO02053774.
Ax625006
Ax625006.1 GI:28452947
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Seguence 1690 from Patent WO02053774.
AX624649
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AX625006/c
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PAT 21-FEB-2003

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RESULT 563 AX628126/c

LOCUS ACCESSION VERSION KEYWORDS

SOURCE ORGANISM

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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                           AX631488 11 bp DNA Sequence 8530 from Patent WO02053774. AX631488
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Homo sapiens
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria, Primates; Catarrhini; Hominidae; Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 6309 11-UW-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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/db_xref="taxon:9606"
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/organism="Homo sapiens"
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ELLEN HEBER KATZ
C12N15/09,A01K67/027,C12N5/10,C12Q1/68,G01N33/50,C12N15/00, PC
C12N5/00
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Nandabalan, K. and Rothberg, J. Marc.
Nandabalan, K. and comparison of protein-protein interactions that occur in populations
Patent: US 6083693-A 88 04-JUL-2000;
Location/Qualifiers
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Compositions and method for healing wound.

ED124391

ED124391.

ED124391.

G1:23319336

JP 2002503460-A/222.

Mus musculus (house mouse)

EUKaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

Rasses 1 to 11)
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                                                   12.3%; Score 9; DB 1; Length 11; llarity 100.0%; Pred. No. 3.3e+02; Conservative 0; Mismatches 0; Indels
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THE MISTRA INSTITUTE
OS Mus musculus (mouse)
PD 05-FBB-2002
PP 12-FBB-1999 JP 2000531545
PR 13-FBB-1998 US 60/074737,26-AUG-1998 US 28-SEP-1999 US 60/102051
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Seguence 88 from patent US 6083693.
AR101000
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 9159 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
                                                                Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 9112 II-UUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 0203774-4, 9469 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 9; Conservative 0; Mismatches 0;
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Sequence 9159 from Patent WO02053774.
AX632117
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Sequence 9469 from Patent WO02053774.
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AX632427.1 GI:28468042
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100.0%; Pred. No. 3.3
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PAT 14-FEB-2001

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Hutet, E., Albina, E., Arnauld, C., Cariolet, R., Jestin, A., Le, C.P., Madec, F., Mahe, D., Blanchard, P. and Truong, C.
Circovirus sequences related to piglet weight loss disease (pwd)
Patent: WO 9929811-A 30 17-UUN-1999;
HUTET EVELYNE (FR); ALBINA EWWANUEL (FR); ARNAULD CLAIRE (FR);
CARIOLET ROLAND (FR); JESTIN ANDRE (FR); LE CANN PIERRE (FR);
FRANCOIS (FR); WETERINAIRES ET ALIMENTAIRES C (FR)
LOCATION/QUALIFIES ET ALIMENTAIRES C (FR)
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1 (bases 1 to 12)
Nandabalan,K. and Rothberg,J.M.
Cachification and comparison of protein-protein interactions that occur in populations and indentification of inhibitors of these interactors
                                                                                                                                                                   Gaps
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The United States of America as represented by the Secretary the; Washington, DC Location/Qualifiers
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Viruses; ssDNA viruses; Circoviridae.
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Location/Qualifiers
1. .12
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Sequence 88 from patent US 6395478.
AR371433
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12.3%; Score 9; DB 1
Best Local Similarity 100.0%; Pred. No. 3.5
Matches 9; Conservative 0; Mismatches

    .12
/organism="Circovirus"
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/db_xref="taxon:39725"

                                                                     /organism="unknown"
/mol_type="unassigned DNA"
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Sequence 30 from Patent WO9929871.
AX003295
AX003295.1 GI:9927112
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/mol_type="genomic DNA"
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Oligonucleotide which comprises a stable triple-stranded nucleic
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Yamamoto, N., Okamoto, H., Suzuki, T. and Sugimoto, N.
STABILIZATION OF TRIPLE-STRANDED NUCLEIC ACID AND FORMATION OF
NUCLEIC ACID ACID TRIMER
Patent: JP 1998257889-A 3 29-SEP-1998;
                                                                                              Gaps
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JP 1998257889-A/3
29-SEP-1998
19-MAR-1997 JP 1997066427
YAMAMOTO NOBUKO, OKAMOTO HISASHI, SUZUKI TOMOHIRO, PI
                                                                                              ;
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/organism='Artificial sequences'
Location/Qualifiers
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1 (bases 1 to 12)

1 (bases 1 to 12)

MCCutchan, F. and Dame, J.B.

Intact gene and method of excising and cloning same Patent: US 4707445-A 1 17-NOV-1987;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
                                                         Query Match 12.3%; Score 9; DB 1; Length 12; Best Local Similarity 100.0%; Pred. No. 3.5e+02; Matches 9; Conservative 0; Mismatches 0; Indels
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Sequence 1 from Patent US 4707445.
       /organism="unknown"
/mol_type="unassigned DNA"
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/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"
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strandedness: Single;
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hypothetical: No;
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E17218.1 G1:5711901
JP 199257889-A/3.
unidentified
unidentified
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Best Local Similarity 100.
Matches 9; Conservative
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PN 40 19982578
PD 29-8EP-1998
PF 19-WAR-1997
NG 101MOTO NAOKI
PC C12N15/09;
CC Strandednes
CC typothetics
FH Key
FT source
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I04181.1
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DE023098.

BD235098.

Grant Sapiens (human)

Homo sapiens (human)

Homo sapiens (human)

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(bases 1 to 13)

A method for stimulating the immune system

A method for stimulating the Jumune system

Patent: JP 2005517434-A.22 18-JUM-2002;

BIOGNOSTIK GESELLSCHAFT FUER BIOMOLEKULARE DIAGNOSTIK MBH

OS Homo sapiens (human)

PR 10-JUM-2002

PP 10-JUM-1999 JP 2000553044

PR 10-JUM-1999 BP 98110709.7,25-JUL-1998 EP 98113974.4 PI

KARL HERMANN SCHLINGENSIEPEN, REIMAR SCHLINGENSIEPEN, WOLFGANG PI

BRYSCH.

BRYSCH.
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                                                                                                                                                                                                            Gaps
                             1 (bases 1 to 13)
Brenner, S.
Kits for DNA sequencing by stepwise ligation and cleavage Patent: US 5831665-A 24 03-NOV-1998,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism='Homo sapiens (human)'.
Location/Qualifiers
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A method for stimulating the immune system.
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 7 from patent US 5552278.
125578.
125578.1 GI:1605448

    .13
    /organism="Homo sapiens"
    /mol_type="genomic DNA"
    /db_xref="taxon:9606"

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Best Local Similarity 100.
Matches 9; Conservative
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Unknown.
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Bremner,S.
Method of determining zygosity by ligation and cleavage Patent: US 5856093-A 24 05-JAN-1999,
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 12.3%; Score 9; DB 1; Length 13; Best Local Similarity 100.0%; Pred. No. 3.7e+02; Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                      unidentified
unclassified.
1 (bases 1 to 13)
Pallisgaard, N. and Hokland, P.
DETECTION OF CHROMOSOMAL ABNORMALITIES
PATENT: WO 9242928 A 182 11-JUN-1998;
PALLISGAARD NIELS (DK); HOKLAND PETER (DK)
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Mismatches
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/wol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
                                                                                                                                           A91655 13 bp
Sequence 182 from Patent WO9824928.
A91655
A91655.1 GI:6740610
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Sequence 24 from patent US 5831065.
AR052586
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Best Local Similarity 100.
Matches 9; Conservative
9; Conservative
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Unclassified.
1 (bases 1 to 13)
Inouye,M., Wang,N. and Yamanaka,K.
Cold-shock regulatory elements, constructs thereof, and methods of
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DNA
                                                                                                                                                                                                                                                             Patent: US 6610533-A 87 26-AUG-2003;
Location/Qualifiers
1. 13. 13. /organism="unknown"
/mol_type="genomic DNA"
                                                                       AR382729 13 bp I Sequence 87 from patent US 6610533.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13 bp
Sequence 202 from Patent WO9963975.
AX009169.1 GI:9996543
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
                                                                                                                       AR382729.1 GI:40091516
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5 TCCTCTTCA 13
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                                 1 (bases 1 00 00,
Branner, 6.
DNA sequencing by stepwise ligation and cleavage
Patent: US 555278-A 7 03-SEP-1996;
Location/Qualifiers
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DNA sequencing by stepwise ligation and cleavage Patent: US 5599675-A 24 04-PEB-1997;

Location/Qualifiers
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Brenner, S. and DuBridge, R.B.
DNA sequencing by stepwise ligation and cleavage
Patent: US 5714330-A 24 03-FEB-1998;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                          13 bp
Sequence 24 from patent US 5599675.
134897
134897.1 GI:2087865

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/organism="unknown"
/mol_type="unassigned DNA"

                                                                                                                       /organism="unknown"
/wol_type="unassigned DNA"
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1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 187 19-JAN-1999;
Location/Qualifiers
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Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 586124 227 19-GAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                               1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 165 19-JAN-1999;
Location/Qualifiers
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12.1%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 3.8e+02;
Matches 10; Conservative 0; Mismatches 2; Indels
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83.3%; Pred. No. 3.8e+02;
iive 0; Mismatches 2;
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                                                                                                AR029976 12 bp DN
Sequence 165 from patent US 5861244.
AR029976
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Sequence 187 from patent US 5861244.
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/organism="unknown"
/mol_type="unassigned DNA"
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/organism="unknown"
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AR029998
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SION BD064831.

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (Asses I to 13)
Parisgard, N. and Hokurando, P.
Method for detecting abnormality in chromosome
L. Patent: JP 200155428-A 182 24-APR-2001;
NBLLLS PARISGARD
PD 24-APR-2001
PP 08-DEC-1997 JP 1998525090
PI NELLS PARISGARD, PATER HOKURANDO
PC CIZNIS/09,C12Q1/68,G01N33/50,C1ZN15/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key
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Synthetic DNA
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PI TOSHIHIKO KISHIMOTO, SHINICHIRO NIWA, YUKO MORI, SACHIYO PI
MIMAKI, REI FUKUSHIMA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ò
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Location/Qualifiers
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llarity 100.0%; Pred. No. 3.7e+02;
Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 9; Conservative 0; Mismatches 0;
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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12.1%; Score 8.8; DB 1; Length 12;
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            GI:5943284
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Best Local Similarity 83.33
Matches 10; Conservative
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Unclassified.
1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5661244-A 249 19-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                  1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 237 19-JAN-1999;
Location/Qualifiers
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Sequence 249 from patent US 5861244.
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Sequence 259 from patent US 5861244.
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Sequence 237 from patent US 5861244.
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AR030070/c
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1 (Dases 1 to 12)

(The bases 1 to 12)

Lipshutz, R.J., Lobban, P.E., Morris, M.S. and Sheldon, E.L.

Arrays of nucleic acid probes on biological chips

Patent: US 583783-A 30 17-NOV-1998;

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Unknown.
Unknown.
Unclassified.
1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 263 19-JAN-1999;
Location/Qualifiers
Unclassified.

1 (bases 1 to 12)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 259 19-JAN-1999;
Location/Qualifiers
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Sequence 263 from patent US 5861244.
AR030074.1 GI:5943288
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Sequence 30 from patent US 5837832.
AR058453.1 GI:5984030
                                                                                                                                                              /mol_type="unassigned DNA"
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RESULT 595 AR058620/c LOCUS DEFINITION ORGANISM

ACCESSION VERSION KEYWORDS SOURCE

TITLE JOURNAL

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PAT 26-SEP-2002
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Dna binding protein and sequence as insulators having specific
enhancer blocking activity for regulation of gene expression
Patent: WO 010253-A 5 11-7AN-2001,

THE GOVERNMENT OF THE UNITED STATES OF AMERICA (US)
Location/Qualifiers

1. .12
/organism="synthetic construct"
/mol Lype="unassigned DNA"
/hol Expe="unassigned DNA"
/note="primer"
                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                            Toases 1 to 12)
Kmiec,E.B., Holloman,W.K., Rice,M.C., Smith,S.T. and Shu,Z.
Mammalian and human BEC2
Patent: US 6410226-A 17 25-JUN-2002;
Location/Qualifiers
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Turley, E.A., Zhang, S. and Entwistle, J. Hyaluronan receptor protein
Patent: US 6429291-A 26 06-AUG-2002;
Location/Qualifiers
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Sequence 5 from Patent WO0102553.
AX068118 GI:12578323
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Unclassified.
1 (bases 1 to 12)
1 (bases 1 to 12)
Chee, W., Cronin, W.T., Fodor, S.P.A., Huang, X.X., Hubbell, E.A.,
Lipshutz, R.J., Lobban, P.E., Morris, M.S. and Sheldon, B.L.
Arrays of mucleic acid probes on biological chips
Patent: US 5837822-A 197 17-NOV-1998;
Location/Qualifiers
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Unclassified.
Unclassified.

Agrawal.S. and Tang,J.-Y.
Method for sequencing synthetic oligonucleotides containing non-phosphodiester internucleotide linkages
Patent: US 5622103.A 2 29-UU-1997;
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Sequence 197 from patent US 5837832.
AROS8620.1 GI:5984197
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Sequence 17 from patent US 6410226.
AR214799
AR214799.1 GI:23312730
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ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 596 I58341/c DEFINITION

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FEATURES

REFERENCE AUTHORS

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LOCUS DEFINITION

ACCESSION VERSION KEYWORDS

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Southern, B.Mellor., Pritchard, C.Elizabeth. and
Case-Green, S.Gharles.
Method for analyzing a polynucleotide containing a variable
                                                                                                                                                                                                                                                                                                                                                                                                                            Unclassified.
Unclassified.
1 (bases 1 to 13)
Wang,C. G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation patent: US 581244-A 334 19-JAN-1999;
Location/Qualifiers
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.larity 83.3%; Pred. No. 4e+02;
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/wol_type="unassigned DNA"
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/db_xref="taxon:4932"
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/organism="unknown"
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JP 2001500729-A/14.
Saccharomyces cerevisiae (baker's yeast)
Saccharomyces cerevisiae
Bukaryota; Pungi; Ascomycota; Saccharomycetus;
Saccharomycetales; Saccharomycetaceae; Saccharomycetes;
Saccharomycetales; Saccharomycetaceae; Saccharomycetes;
I (bases 1 to 12)
Mammalian and human REC2
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/organism='Saccharomyces cerevisiae (yeast)'.
Location/Qualifiers
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Matches 10; Conservative 0; Mismatches 2; Indels
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/mol_type="genomic DNA"
Pred. No. 3.8e+02;
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/mol_type="unassigned RNA"
/mol_taxon.32630"
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1 (bases 1 to 13)
Beavers,L.S., Bumol,T.F., Gadski,R.A. and Weigel,B.J.
Novel recombinant and chimeric antibodies directed against a human adenocarchnoma antigen
Patent: BP 0338767-A2 14 25-OCT-1989;
                                                                                                                                      1 (bases 1 to 13)
Bundl,T.F., Gadski,R.A., Hamilton,A.E., Sportsman,J.R. and Strnad,J.
Vectors, compounds and methods for expression of a hum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Unclassified.

1 (bases 1 to 13)
Schoner, B.B. and Schoner, R.G.
Novel voctors and expression sequences for production of polypeptides
Patent: BP 0316115-A2 25 17-MAY-1989;
Location/Qualifiers
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12.1%; Score 8.8; DB 1; Length 13;
Best Local Similarity 83.3%; Pred. No. 4e+02;
Matches 10; Conservative 0; Mismatches 2; Indels
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Patent: EP 0326423-A2 6 02-AUG-1989;
Location/Qualifiers
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Sequence 25 from Patent EP 0316115.
107132.
107132.1 GI:590353
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Sequence 14 from Patent EP 0338767.
107401.
107401.1 GI:589926
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/organism="unknown"
/wol_type="unassigned DNA"
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             13 bp
Sequence 6 from Patent EP 0326423.
106780
                                                            I06780.1 GI:590099
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Species-specific detection method for trichosporon and novel
E32293
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                                                    SM Unclassified.
JE 1 (base: to 13)
RS Southern, E.Mallor., Pritchard, C.Elizabeth. and Case-Green, S.Charles.
Method for analyzing a polymucleotide containing a variable sequence and a set or array of oligonucleotides therefor location/Qualifiers

Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PI TAKASHI SUGITA,AKEMI NISHIKAWA,TAKAKO SHINODA PC
C12N15/09,C12Q1/04,C12Q1/68//(C12N15/09,C12R1:645),C12N15/00,
CC
FH Key
FT source
FT
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1 (Dases 1 to 13)

Takashi, S. Akeni, N. and Takako, S. Species-specific detection method for trichosporon and novel polymolectide
Patent: JP 200060564-A 61 29-FEB-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JP 2000060564-A/61.
Trichosporon asteroides
Trichosporon asteroides
Eukaryota; Fungi; Basidiomycota; Hymenomycetes;
Heterobasidiomycetes; Tremellomycetidae; Trichosporonales;
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/organism='Trichosporon asteroides'.
Location/Qualifiers
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/organism="Trichosporon asteroides"
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/db_kref="taxon:82511"
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JP 2000060564-A/61
29-FEB-2000
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AR174810.1 GI:17915130
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PAT 12-JUN-2003

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AR305534 13 bp
Sequence 2 from patent US 6545162.
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/organism="unknown"
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Unclassified.
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1 (Dases 1 to 13)
Hsiung,H.M.
Increased expression of small molecular weight recombinant proteins
Patent: EP 0361956-A2 5 04-APR-1990;
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Unclassified.
1 (bases 1 to 13)
1 (bases 1 to 12)
Brakier-Gingras, L., Melan.cedilla.on, P., Cote, M. and Payant, C.
DNA oligomers for inhibition of HIV by decreasing ribosomal
frameshifting
Farent: US 5707866-A 9 13-JAN-1998;
Location/Qualifiers
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                                                                 12.1%; Score 8.8; DB 1; Length 13; larity 83.3%; Pred. No. 4e+02; Conservative 0; Mismatches 2; Indels
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    .13
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/mol_type="unassigned DNA"

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Sequence 9 from patent US 5707866.
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Sequence 5 from Patent EP 0361956.
107587
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/organism="unknown"
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I79843.1 GI:3208133
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RESULT 611 AR305534/c

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1 (bases 1 to 13)
Dervan, P.B. and Baird, E.B.
Method for the synthesis of pyrrole and imidazole carboxamides on a solid support
Patent: US 6545162-A 2 08-APR-2003;
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                             Gaps
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Hartman,J.R., Oppenheim,A.B., Gorecki,M., Aviv,H. and Oren,R. Therapeutic compositions comprising a mixture of human CuZn superoxide dismutase analogs Patent: US 5455029.A 9 03-OCT-1995, Location/Qualifiers
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AX164572.1 GI:14545506
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/mol_type="genomic DNA"
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Direct Submission
Submitted (21-NOV-2002) Balzergue S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence framking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATH520517 13 bp DNA linear PLN 29-MAR-2003
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
                                                                                                                                                                                                  PAT 20-JUN-2003
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Arbidopsis thaliana (thale cress)
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota, Viridiplantae; Streptophyta; Embryophyta, Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
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T-DNA integration into the Arabidopsis genome depends on sequences
                     Gaps
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Patent: EP 130823-A 4 07-MAY-2003;
Oxford Gene Technology IP Limited (GB)
Location/Qualifiers
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83.3%; Pred. No. 4e+02;
iive 0; Mismatches 2;
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
  Pred. No. 4e+02;
0; Mismatches
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EMBO Rep. 3 (12), 1152-1157 (2002)
                                                                                                                                                                                                  AX752152
Sequence 4 from Patent EP1308523.
AX752152
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synthetic construct
artificial sequences.
83.3%;
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Balzergue, S.
                                                           931 TCCCTCCTCTTC 942
  Best Local Similarity 83.3
Matches 10; Conservative
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VERSION
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KEYWORDS
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Loci for idiopathic generalized epilepsy, mutations thereof and
Loci for idiopathic generalized epilepsy, mutations thereof and
method using same to assess, diagnose, prognose or treat epilepsy
Patent: WO 0138564-A 403 31-MAY-2001;
Patent: WO 0138564-A 403 31-MAY-2001;
McGill University (CA)
Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Methods for purifying and detecting double stranded dna target sequences by triple helix interaction
Parent: WO 0207724.4.8 03-0CT-2002;
Aventis Pharma S.A. (FR)
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Pred. No. 4e+02;
0; Mismatches 2; Indels
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    .13
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Sequence 403 from Patent WO0138564.
AX164573
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    McGill University (CA)
Location/Qualifiers
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Best Local Similarity 83.3%;
Matches 10; Conservative
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Homo sapiens
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PAT 06-MAR-1997

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Grierson, D., Blume, B., Hamilton, A., Holdsworth, M. and Barry, C. DNA CONSTRUCTS AND PLANTS INCORPORATING THEM PATENT: WO 9530493-A 4 03-OCT-1996; ZENECA LTD (GB) Other publication AU 4970196 961016.
                                                                                                                                 Query Match 11.5%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 3.9e+02; Matches 9; Conservative 0; Mismatches 1; Indels
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Cookson, W.O., Hopkin, J.M. and Shirakawa, T.
DIAGNOSTIC METHOD AND THERAPY
Patent: WO 9505481-A 7 23-FEB-1995;
ISIS INNOVATION (GB)
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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  Patent: WO 9314213-A 2 22-JUL-1993;
Location/Qualifiers
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Sequence 7 from Patent W09505481.
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Sequence 4 from Patent WO9630493.
A56789
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A43121.1 GI:2298509
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Matches 9; Conserv
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Beta-1,3-glucanase (G19-9) TCA sequence from stress-induced plant
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Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Pooideae; Triticeae; Hordeum.
1 (bases 1 to 10)
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Hordeum vulgare
Bukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooideae, Triticeae, Hordeum.
1 (bases 1 to 10)
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (http://www.genoplante.com and http://genoplante-info.infoblogen.fr).

Location/Qualifiers
                                                                                               1. .13
Aorganism="Arabidopsis thaliana"
Aorganism="Arabidopsis thaliana"
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Aclone="036707"
Aclone="036707"
Aclone=lib="Arabidopsis thaliana T-DNA insertion lines"
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11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels

    .13 //note="T-DNA flanking sequence left border"

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/organiem="Hordeum vulgare"
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Patent: WO 9314213-A 1 22-JUL-1993;
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A15909.1 GI:489828
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1 (bases 1 to 10)
Lopez-Nieto, C.Eduardo. and Nigam, S.Kumar.
Lopez-Nieto, C.Eduardo. and Nigam, S.Kumar.
Processes, apparatus and compositions for characterizing nucleotide sequences based on K-tuple analysis
Patent: US 6110667-A 11 29-AUG-2000;
Location/Qualifiers
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Coughlan, S.J. and Winfrey, R.J. Jr.
Calreticulin genes and promoter regions and uses thereof
Patent: US 6171864-A 10 09-JAN-2001;
Location/Qualifiers
                                                                                         Query Match 11.5%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 3.9e+02; Matches 9; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
 JOURNAL Patent: US 5962670-A 13 05-OCT-1999; FEATURES Location/Qualifiers
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Sequence 10 from patent US 6171864.
AR124164 GI:14109925
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/wol_type="unassigned DNA"

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AR107765.1 GI:12823252
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1 (bases 1 to 10)

Mang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 68 19-JAN-1999;
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Unclassified.

1 (bases 1 to 10)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 71 19-JAN-1999;
Location/Qualifiers
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Unclassified.
1 (bass 1 to 10)
Walling,L.L., Pautot,V., Gu,Y.-Q. and Chao,W.Shaw.
Promoters for enhancing plant productivity
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Sequence 68 from patent US 5861244.
AR029879
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AR078527
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Sequence 71 from patent US 5861244.
AR029882 GI:5943096
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AR029879
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19-UTN-1998 US
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1 (bases 1 to 10)
1 (bases 1 to 10)
1 Probris, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 356 15-0CT-2002;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unknown.
Unclassified.
Unclassified.
1 (Gases I to 10)
Grierson, D., Blume, B., Hamilton, A., Holdsworth, M. and Barry, C.
DNA constructs and plants incorporating them
Patent: US 6204437-A 4 20-MAR-2001,
Location/Qualifiers
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1 (bases 1 to 10)

Coughlan, S.J. and Winfrey, R.J. Jr.

Calreticulin genes and promoter regions and uses thereof
Patent: US 6171864-A 15 09-JAN-2001;
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         Sequence 15 from patent US 6171864. AR124569
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Sequence 4 from patent US 6204437.
AR143739
AR143739.1 GI:15105025
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JP 2002534056-A/356
                                                     AR124569.1 GI:14109930
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JP 2002534056-A/356.
Homo sapiens (human)
Homo sapiens
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G0/089991,19-JUN-1998
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G0/09004,19-JUN-1998 US
G0/09004,19-JUN-1998 US
G0/09004,19-JUN-1998 US
G0/09004,19-JUN-1998 US
G0/09007,19-JUN-1998 US
G0/1107,19-JUN-1998 US
G0/09007,19-JUN-1998 US
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7 (bases 1 to 10)
8 (bankara, S. batent: JP 2002534056-A 406 15-0CT-2002,
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218-UN-1998 US 60/090039,19-UN-1998 US 60/090039,19-UN-1998 US 60/090039,19-UN-1998 US 60/090035,19-UN-1998 US 60/090035,19-UN-1998 US 60/090035,19-UN-1998 US 60/0900035,19-UN-1998 US 60/090000,19-UN-1998 US 60/099878 US 60/0999019-UN-1998 US 60/099878 US 60/090040,19-UN-1998 US 60/0999-UN-1998 US 60/090042,19-UN-1998 US 60/090044,19-UN-1998 US 60/099-UN-1998 US 60/090044,19-UN-1998 US 60/099-UN-1998 US 60/090044,19-UN-1998 US 60/099-UN-1998 US 60/099-UN-1998 US 60/099-UN-1998 US 60/099-UN-1998 US 60/090044,19-UN-1998 US 60/099-UN-1998 US 60/090040,19-UN-1998 US 60/090040,19-UN-1998 US 60/099-UN-1998 US 60/090040,19-UN-1998 US 60/099-UN-1998 US 60/090040,19-UN-1998 US 60/090040,19
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US 60/090039,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089997,19-JUN-1998 US 60/089992,19-JUN-1998 US 60/08999,19-JUN-1998 US 60/08999,19-JUN-1998 US 60/08999,19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090080,19-JUN-1998 US 60/090080,19-JUN-1998 US 60/090098,19-JUN-1998 US 60/090078,19-JUN-1998                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Preparation and use of superior vaccines.
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JP 2002534056-A/406
15-OCT-2002
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JP 2002534056-A/406.
Homo sapiens (human)
Homo sapiens
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PAT 17-JUL-2003
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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60/089073 PR
60/089072 PR
60/08091 PR
60/080991 PR
60/080043 PR
60/089844 PR
60/089844 PR
60/080077 PR
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organism≈'Homo sapiens (human)'.
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                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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    .10
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    /mol_type="genomic DNA"
    /db xref="taxon:9606"

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TP 2002534056-A/538
15-OCT-2002
18-JUN-1999 UP 2000554749
19-JUN-1998 US 60/09003
                                                 Location/Qualifiers
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PR 18-JUN-1999

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Best Local Similarity
Matches 9; Conserv
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KEYWORDS
SOURCE
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ACCESSION
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AUTHORS
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                                                 FEATURES
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
C12N1/19, C12N15/10, G01N33/15, G01N33/50, G01N33/56, PC
G12N17/10,
C C12N15/00, C12N15/00, C12N15/00
C C12N15/00, C12N15/00, C12N15/00
C Preparation and use of superior vaccines
FH Key
Location/Qualifiers
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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1 (Dases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 426 15-OCT-2002;
GENZYME CORP
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C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566,
G01N37/00,
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60/080079 PR
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60/080997,19-UNN-1998 US

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60/080001,19-UNN-1998 US

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Preparation and use of superior vaccines
Key
60/089994,19-JUN-1998 US
60/090078,19-JUN-1998 US
60/090076,19-JUN-1998 US
60/111715
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19-JUN-1998 US 60/0900
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JP 2002534056-A/426
15-OCT-2002
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JP 2002534056-A/426.
Homo sapiens (human)
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Best Local Similarity 90...
9; Conservative
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BD239008
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C12N1/21, C12N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566, PC
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Roberts, B.L. and Shankara, S.
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 935 15-OCT-2002;
GENZYME CORP
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C12N15/09,C12N15/09,A61K39/00,A61P35/00,A61P37/04,C12N1/15,
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 10)
Roberts, B. L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 884 15-0CT-2002;
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Hemo sapiens (human)

18 JP 2002534056-A/884

18 JUN-1999 US 60/090039,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/090035,19-JUN-1998 US 60/090005,19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090000,19-JUN-1998 US 60/090004,19-JUN-1998 US 60/090042,19-JUN-1998 US 60/090080,19-JUN-1998 US 60/090076,19-JUN-1998 US 60/090076,19-
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Preparation and use of superior vaccines
Key
Location/Qualifiers
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P D 202534056-A/935
PD 15-0CT-2002
PF 18-JUN-1999 UP 2000554749
PR 19-JUN-1998 US 60/090911.19-J
19-JUN-1998 US 60/089997,19-J
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Best Local Similarity 90.0
Matches 9; Conservative
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BD239517
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C12N1/21,C12N5/10,G01N33/15,G01N33/50,G01N33/53,G01N33/566, PC
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 803 15-0CT-2002,
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Location/Qualifiers
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60/089991,19-UN-1998 US
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60/090081,19-UNN-1998 US
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60/090078,19-UNN-1998 US
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Pred. No. 3.9e+02;
0; Mismatches 1;
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18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/0900:
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JP 2002534056-A/803
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JP 2002534056-A/803.
Homo sapiens (human)
Homo sapiens
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[ Dases 1 to 10]

Roberts; D.L. and Shankara, S.

Preparation and use of superior vaccines
Patent: JP 2002534056-A 1283 15-OCT-2002;

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BRUCE L ROBERTS, SRINIVAS SHANKARA
C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
        CI2N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15,
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Preparation and use of superior vaccines
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60/09092,19-7UN-1998 US
60/090901,19-7UN-1998 US
60/090001,19-7UN-1998 US
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60/090044,19-7UN-1998 US
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11.5%; Score 8.4; DB 1;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
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JP 2002534056-A/1253
15-OCT-2002
18-JUN-1999 JP 2000554749
19-JUN-1998 US 60/09003
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BD239835/C
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19-JUN-1998 US 60/090035,19-JUN-1998 US 60/089993 PR 19-JUN-1998 US 60/08992,19-JUN-1998 US 60/089992,19-JUN-1998 US 60/089992,19-JUN-1998 US 60/089991 PR 60/089991 PR 60/089991 PR 60/0899991 PR 60/0890048 PR 19-JUN-1998 US 60/089999,19-JUN-1998 US 60/080048 PR 60/080041,19-JUN-1998 US 60/080041,19-JUN-1998 US 60/080041,19-JUN-1998 US 60/080041,19-JUN-1998 US 60/080041,19-JUN-1998 US 60/080041,19-JUN-1998 US 60/08994,19-JUN-1998 US 60/080077 PR 19-JUN-1998 US 60/080077 PR 60/080078 US 60/080077 PR 60/080078 US 60/080077 PR 60/080077
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(bases 1 to 10)

Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1118 15-OCT-2002;
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C CI2NI/21, CI2N5/10, G01N33/15, G01N33/50, G01N33/53, G01N33/566,
G01N37/00, CI2N15/00
C CI2N15/00, CI2N15/00
C Preparation and use of superior vaccines
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Pred. No. 3.9e+02;
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JP 2002534056-A/1118
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Best Local Similarity 90.0%;
Matches 9; Conservative
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RESULT 638
BD240081/c
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DNA linear PAT 17-JUL-2003

NA Preparation and use of superior vaccines.

NA BD240199

BD240199

JP 2002534056-A/1617.

Homo sapiens (human)

SM Homo sapiens (human)

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

Tobases 1 to 10)

R 1 (bases 1 to 10)

SN Preparation and use of superior vaccines

L Patent: JP 2002534056-A 1617 15-OCT-2002;
  PAT 17-JUL-2003
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BD240153.1 GI:33049923
JP 2002534056-A/1571.
Homo sapiens (human)
Homo sapiens (human)
Homo sapiens
Bukaryotas, Metazoas, Chordata; Craniata; Vertebrata; Buteleostomi; Mamania; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 10)
Roberts, B.L. and Shankara, S.
Preparation and use of superior vaccines
Patent: JP 2002534056-A 1571 15-OCT-2002;
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  linear
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JP 2002534056-A/1571
12-OCT-2002
18-JUN-1999 UP 2000554749
19-JUN-1998 US 60/090039,19-JUN-1998
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60/090997.19-UW.1998 US
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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UP 2002534056-A/1499.
UP 2002534056-A/1499.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 10)
Roberts; B.L. and Shankara, S.
Preparafion and use of superior vaccines
Patent: JP 2002534056-A 1499 15-OCT-2002;
                                                                                                         Gaps
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Location/Qualifiers
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

Experiments; Eutheria; Eutheria
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Location/Qualifiers
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vaccines.
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BD240256.1 GI:33050026
JP 2002534056-A/1674.
Homo sapiens (human)
Homo sapiens
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Mammalia; Butheria; Primates; Catarrini; Hominidae; Homo.

Establishment of 10; Strangeria Superior vaccines

Preparation and use of superior vaccines

Preparation and use of superior vaccines

Andro sapiens (human)

PN JP 2002534056-A.1619

PN JP 200253
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C12N15/09, C12N15/09, A61K39/00, A61P35/00, A61P37/04, C12N1/15, PC
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G01N37/00,
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C Preparation and use of superior vaccines
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19-70X-1998 US 60/090039,19-70X-1998 US 60/090031,19-70X-1998 US 60/090031,19-70X-1998 US 60/090031,19-70X-1998 US 60/090035,19-70X-1998 US 60/090992,19-70X-1998 US 60/09099,19-70X-1998 US 60/09099,19-70X-1998 US 60/09099,19-70X-1998 US 60/09008,19-70X-1998 US 60/09008,19-70X-1998 US 60/09008,19-70X-1998 US 60/09008,19-70X-1998 US 60/09008,19-70X-1998 US 60/090078,19-70X-1998 US 60/171715
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/do_xref="taxon:9606"
                                              Homo sapiens (human)
JP 2002534056-A/1617
15-OCT-2002
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Best Local Similarity 90.u
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PD 15-002534(
PD 19-00N-1998
PF 18-00N-1998
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DS 4P 200525212-A/7.

Synthetic construct

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    organism='Artificial Sequence'.

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Matches 9; Conservative 0; Mismatches 1; Indels
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/organism="synthetic construct"/mol_type="genomic DNA"
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C01N27/62,C12N15/00
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1 (Dases 1 to 10)
Roberts, B.L. and Shankara, S.
Roberts, B.L. and Shankara, S.
Perparation and use of superior vaccines
Patent: JP 2002534056-A 1818 15-OCT-2002;
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/organism='Homo sapiens (human)'.
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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JP 2002534056-A/1818.
Homo sapiens (human)
Homo sapiens
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G01N37/00,
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BD240400
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Gaps . 0 PAT 20-JUN-2002

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Unturnor Unclassified.

Unclassified.

(bases 1 to 10)

West, M.D., Shay, J., Wright, W. and Blackburn, E.H.
Screening methods to identify inhibitors of telomerase activity
Patent: US 6388789-A 11 05-APR-2002;
Location/Qualifiers
 Telomerase activity assays for diagnosing pathogenic infections Patent: US 5695932-A 11 09-DEC-1997; Location/Qualifiers
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11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Polyak, K., Vogelstein, B. and Kinzler, K.W.
P53-induced apoptosis
Patent: US 6432640-A 4 13-AUG-2002;
                                                                                                                                                                                                                                                                                                       DNA
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Sequence 11 from patent US 6368789.
AR204561
AR204561.1 GI:21501919
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Sequence 4 from patent US 6432640.
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1 (bases 1 to 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human normal liver cell expression genes
Patent: JP 201211883-A 64 07-AUG-2001;
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Unclassified.
1 (bases 1 to 10)
West.M.D., Shay,J., Wright,W., Blackburn,E.H. and McEachern,M.J.
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7P 2001211883-A/64
07-A01-2108
31-JAN-2000 JP 2000023170
KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PI
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PI SHINICHI HASHIMOTO, KOJI MATSUSHIMA, TAKUJI SUZUKI PC C12N15/09, C07K14/475, C07K16/18, C12N15/00
CC Location/Qualifiers
FH Key Location/Qualifiers
FT source 1. .10 /organism='Homo sapiens (human)'.
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Location/Qualifiers
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E54712.1 GI:22556195
JP 2001211883-A/64. Homo sapiens (human)
Bukarvar.
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Sequence 11 from patent US 5695932.
184353 1 GI:3021873
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Query Match 11.5%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 3.9e+02; Matches 9; Conservative 0; Mismatches 1; Indels
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AR266766
AR266766.1 GI:29695839
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Sequence 22 from patent US 6521747.
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Mirzabekov, A., Guschin, D.Y., Chik, V., Drobyshev, A., Fotin, A.,
Mirzabekov, G., and Lysov, Y.
Customized oligonucleotide microchips that convert multiple genetic information to simple patterns, are portable and reusable Patent: US 6458584-A 61 01-0CT-2002;
Location/Qualifiers
                PAT 26-SEP-2002
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Unknown.
Unclassified.
Unclassified.
I (bases 1 to 10)
Stanton, V.P. Vir., Wolfe, J.L., Kawate, T. and Verdine, G.L.
Method for analyzing polynucleotides
Patent: US 6488945-A 7 01-OCT-2002;
Location/Qualifiers
1. .10
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Stanton, V.P. Jr., Wolfe, J.L., Kawate, T. and Verdine, G.L.
Method for analyzing polynucleotides
Patent: US 640705-A 7 27-AUG-2002;
Location/Qualifiers
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Matches 9; Conservative 0; Mismatches 1; Indels
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Sequence 61 from patent US 6458584.
           Sequence 7 from patent US 6440705.
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Sequence 7 from patent US 6458945.
AR235351 GI:27278487
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Stanton, V.P. Jr., Wolfe, J.L., Kawate, T., Verdine, G.L. and Olson, J. Method for identifying polymorphisms
Patent: US 6500650-A 7 31-DEC-2002;
Location/Qualifiers
                                                                                                                                                                                   1 (bases 1 to 10)
Ludin,C., Wikstroem,P., Svendsen,L.G. and Schulze,A.
Oligopeptide derivatives for the electrochemical measurement of
protease activity
Patent: US 649336-A 129 17-DEC-2002;
Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                    Device for generating an offset of transported flexible sheet material Patent: US 6588746-A 1659 08-JUL-2003; Location/Qualifiers
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Dobrindt,D. and Fischer,U.
Device for generating an offset of transported flexible sheet
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Sequence 1663 from patent US 6588746.
AR351854
AR351854.1 GI:33753650
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Location/Qualifiers
   Mismatches
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Sequence 8 from Patent W09966057.
AX008571 GI:9996121
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/organism="unknown"
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Dobrindt, D. and Fischer, U.
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   9; Conservative
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Hordeum vulgare
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AR351854/c
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Unclassified.

1 (bases 1 to 10)
Stanton, V.P. Jr., Wolfe, J.L., Kawate, T. and Verdine, G.L.
Method for analyzing polynucleotides
Patent: US 6582923-A 7 24-JUN-2003;
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11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Anaerasio, A.E., Finkel, K., Koshy, B. and Lee, H. Haplotypes of the AGTR1 gene
Patent: US 6521747-A 22 18-FEB-2003,
Location/Qualifiers
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Stanton, V.P. Jr., Wolfe, J.L. and Verdine, G.L.
Method for analyzing polynucleotides
Patent: US 6566059-A 7 20-MAY-2003;
Location/Qualifiers
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Sequence 7 from patent US 6582923.
AR344956
AR344956.1 GI:33741037
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Sequence 7 from patent US 6566059.
AR322140
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   AR282626
AR282626.1 GI:29719224
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Best Local Similarity
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 0185941-A 251 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
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11.5%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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11.5%; Score 8.4; DB 1; Length 1C
Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Patent: WO 0138577-A 579 31-MAX-2001,
The Johns Hopkins University (US)
Location/Qualifiers
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Sequence 251 from Patent WO0185941.
AX301537
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Sequence 579 from Patent WO0138577.

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/db_xref="taxon:9606"

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/organism="Mus sp."
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                     Location/Qualifiers
ISIS INNOVATION LIMITED (GB)
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AX152664/c
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  Hordeum vulgare
Sukaryota, Viridiplantae, Streptophyta, Embryophyta, Tracheophyta,
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae,
Pooldeae, Triticeae, Hordeum.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
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Patent: WO 0127267-8 59 19-APR-2001;
ISIS INNOVATION LIMITED (GB)
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                                                                                      Draper,J., Kenton,P. and Paul,W.
Inducible promoters
Paten: WO 9966057-A 8 23-DEC-1999;
DRAPER JOHN (GB); KENTON PAUL (GB); BIOGEMMA UK LTD (GB); PAUL
WYATT (GB)
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Sequence 59 from Patent WO0127267.
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Sequence 64 from Patent WO0127267.
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AX113012.1 GI:13939447
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AX113017.1 GI:13939452
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AX113012/c
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Dosition dependent recognition of gnn nucleotide triplets by zinc fingers WO 0242459-A 1659 30-MAY-2002;
Batent: WO 0242459-A 1659 30-MAY-2002;
Sangamo Biosciences Inc. (US)
Location/Qualifiers
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Position dependent recognition of gnn nucleotide triplets by zinc fingers
Patent: WO 0242459-A 1663 30-MAY-2002;
Sangamo Biosciences Inc. (US)
          Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Verrebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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                                                                                          Anastasio, A.E., Koshy, B., Finkel, K. and Lee, H.H. Haplotypes of the agtr1 gene Patent: Ep 1184456-A.2. 06-WAR-2002; Genaissance Pharmaceuticals, Inc. (US)
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/mol_type="unassigned DNA"
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Sequence 1659 from Patent WO0242459.
AX668210
AX668210.1 GI:29291489
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Sequence 1663 from Patent WO0242459.
AX668214 1 GI:29291493
                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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artificial sequences.
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artificial sequences.
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AX668214/c
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AX668210/c
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                                                                                                                                                                                                                  Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Versteeg,R. and Caron,H.N.
Myc targett
Myc 185941-A 355 15-NOV-2001;
Patent: WO 0185941-A 355 15-NOV-2001;
Academisch Ziekenhuis bij de Universiteit van Amsterdam (NL)
Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Haplotypes of the adrb3 gene
Patent: WO 0208425-A 40 31-JAN-2002;
Genaissance Pharmaceuticals, Inc. (US)
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Sequence 355 from Patent WO0185941.
AX301641
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Sequence 40 from Patent WO0208425.
AX362606
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Sequence 22 from Patent EP1184456.
AX391459.1 GI:19700069
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Homo sapiens
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947 CITTAATCIA 956
                 10 GTTTATTGTA 1
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TTTATGTATC 1
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AX391459/c
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AX301641/c
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (Bases I to 10)
Matsushima, K., Hashimoto, S., Suzuki, T. and Nagai, S.
Human matured/activated dendritic cell expression genes
Patent: JP 2001327293-A 193 27-NOY-2001;
PAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2001327293-A/193
PP 22-NAY-2000 JP 2000150662
PF 22-NAY-2000 JP 2000150662
PF 22-NAY-2001 JP ALVINICHI HASHIMOTO, TAKUJI SUZUKI, SHIGENORI PI
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                                                                                                                                                                                               /organism='Saccharomyces cerevisiae (yeast)'.
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THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
OS Saccharomyces cerevisiae (yeast)
PN JP 2001209017-A/168
PD 10-JUL-2001
PF 22-JAN-1998 JP 1998532117
PR 22-JAN-1997 US 60/035917
PI VICTOR E VELCULESCU/BERT VOGELSTEIN, KENNETH W KINZLER PC C12N15/10, C12N15/13, C07K14/395, C12Q1/68, C12Q1/02 CC Characterization of the yeast transcriptome FH Key
FT Source 1. ..lo
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Human matured/activated dendritic cell expression genes.
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JP 2001327293-A/193.
Homo sapiens (human)
Homo sapiens
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BD091126
BD091126.1 GI:22636736
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Best Local Similarity 90.07
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BD091126
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BD083272
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BD065211.1 GI:22610814

JP 2001509017-A/147.

SM Saccharomyces cerevisiae (baker's yeast)

SM Saccharomyces cerevisiae

Eukaryota; Fungi; Ascomycota; Saccharomycotina; Saccharomyceteles;

Saccharomycetales; Saccharomycetacee; Saccharomyceteles;

Saccharomycetales; Saccharomycetacee; Saccharomycetes;

Saccharomycetales; Saccharomycetacee; Saccharomyces.

Characterization of the yeast transcriptome

Datacterization of the yeast transcriptome

Characterization of the yeast transcriptome

Saccharomyces cerevisiae (yeast)

PD 10-UUL-2001

PD 10-UUL-2001
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Saccharomyces cerevisiae (baker's yeast)
Saccharomyces cerevisiae (baker's yeast)
Saccharomyces cerevisiae
Saccharomyce cerevisiae
Eukaryota; Fungi; Ascomycota; Saccharomycetiaes; Saccharomycetaeses
Saccharomycetales; Saccharomycetaceae; Saccharomyces.

1 (bases 1 to 10)
Velculescu, V.E., Vogelstein, B. and Kinzler, K.W.
Characterization of the yeast transcriptome
Patent: JP 2001509017-A 168 10-JUL-2001;
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N JP 2001509017-A/147
PN JP 2001509017-A/147
PD 10-JUL-2001
PF 22-JAN-1998 JP 1998532117
PR 23-JAN-1997 US 60/035917
PR 23-JAN-1997 US 60/035917
C12N18/10.012N18/31.00744/395,C12Q1/68,C12Q1/02 CC
Characterization of the yeast transcriptome
FH Key 1...10
/organism='Saccharomyces cerevisiae (year)
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/db_kref="taxon:4932"
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BD065232.. GI:22610835
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Pred. No. 3.9e+02;
0; Mismatches 1;
                     1. .10
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/mol_type="unassigned DNA"
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llarity 90.0%; Pred. No. 3.9e+02;
Conservative 0; Mismatches 1;
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JP 2001523441-A/4. Homo sapiens (human) Homo sapiens

KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

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907 ATTITICTITG 916

10 ATTTATTTG 1

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ce 1..10 /organism='Homo sapiens (human)'. Location/Qualifiers

Human liver disease-expressing genes.

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BD16676

BD1676

BD ö PAT 17-JAN-2003 Gaps .; 0 ice 1.10 / Organism='Homo sapiens (human)'. Location/Qualifiers Query Match 11.5%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 3.9e+02; Matches 9; Conservative 0; Mismatches 1; Indels 1. .10
/organism="unidentified"
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/db\_xref="taxon:32644" 908 TITICITIEG 917 1 TTTTCTCTGG 10 DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM RESULT 675 BD166756 LOCUS REFERENCE AUTHORS TITLE JOURNAL FEATURES COMMENT ઠે

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Query Match 11.5%; Score 8.4; DB 1; Length 10; Best Local Similarity 90.0%; Pred. No. 3.9e+02; Matches 9; Conservative 0; Mismatches 1; Indels

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1. .10 /organism="Homo sapiens" /mol\_type="genomic DNA" /db\_xref="taxon:9606"

source

FEATURES

linear PAT 17-JAN-2003

BD166725 10 bp DNA Human liver disease-expressing genes. BD166725

BD166725.1 GI:27872537 JP 2002209591-A/270. unidentified

LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM

RESULT 674 BD166725/c

PAT 17-JAN-2003 CI2N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02, C12P21/08, C12N15/00, C12N15/00, unidentified
unclassified.

In (bases 1 to 10)

Matsuchima,Kr., Hashimoto,S., Kaneko,S. and Yamashita,T.
Human liver disease-expressing genes
Datent: JP 2002209591-A 462 30-JUL-2002;
JAPAN SCIENCE MAD TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2002209591-A/462
PN JP 2002209591-A/462
PN JP 2002209591-A/462
PN JP 2001UL-2002
PP 19-JAN-2001 JP 2001012328
PT 19-JAN-2001 JP 2001012328
PT 19-JAN-2001 JP 2001012328
PT 19-JAN-2001 JP 2001012328
PT C12N1S/09, CO7K14/47, CO7K16/18, GOIN33/15, GOIN33/50//C12P21/0;
PC C12P21/08,
PC C12N1S/09, CO7K14/47, CO7K16/18, GOIN33/15, GOIN33/50//C12P21/0;
PC C12N1S/09 linear BD166917 10 bp DNA Human liver disease-expressing genes. BD166917 BD166917.1 GI:27872729 JP 2002209591-A/462. unidentified BD166917/c LOCUS DEFINITION ACCESSION VERSION VERSUON SOUNCE ORGANISM REFERENCE AUTHORS TITLE JOURNAL RESULT 676 COMMENT

C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/02,

unidentified
unclassified.
1 (bases 1 to 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human liver disease-expressing genes
Patent: JP 2002209591-A 270 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 20022059591-A/270
PD 30-JUL-2002

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

PP 30-2012 PP 19-1747-2020 PP 19-1747-2020 PI XOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO PC C1221/108, PC C1221/108, PC C1221/108, PC C1221/108, PC C121/15/00 CC Human liver disease-expressing genes PH Key Location/Qualifiers FT source Location/Qualifiers PT source (human)'.

ice 1.10 / Organism='Homo sapiens (human)'. Location/Qualifiers

1. .10
/organism="unidentified"
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source

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11.5%; Score 8.4; DB 1; Length 10; 90.0%; Pred. No. 3.9e+02; tive 0; Mismatches 1; Indels

Query Match
Best Local Similarity 90.0
Matches 9; Conservative

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PAT 07-MAR-1997
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Fouchier,R.A. and Schuitemaker,J.
NUCLEIC ACIDS AND METHODS FOR THE DISCRIMINATION BETWEEN SYNCYTIUM
NUCLEIC ACIDS AND NO SYNCYTIUM INDUCING VARIANTS OF THE HUMAN
IMMUNODEFICIENCY VIRUS
PATENT: WO 9528800-A 4 26-OCT-1995;
STICHTING CENTRAAL LAB (NL)
Other publication AU 2150095 951110.
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C12N15/00
Location/Qualifiers
Key
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T.
Human liver disease-expressing genes
Patent: JP 2002209591-A 675 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PN JP 2002209591-A/675
PP JOJUL-2002
PF 19-JAN-2001 JP 2001012328
PI YAMASHITA
PC C12N15/09, C07K14/47, C07K16/18, G01N33/15, G01N33/50//C12P21/0
PC C12N15/00
CC Human liver disease-expressing genes
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//organism='Homo sapiens (human)'.
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Sequence 13 from Patent WO9606171.
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Sequence 4 from Patent W09528500.
A46920
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KOJI MATSUSHIMA, SHINICHI HASHIMOTO, SHUICHI KANEKO, TARO
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                                                                                                                                                                                                                                                                                                                                                                                                                                            unclassified.

1 (bases 1 to 10)
Matsushima, K., Hashimoto, S., Kaneko, S. and Yamashita, T. Human liver disease-expressing genes
Patent: JP 2002209591-A 501 30-JUL-2002;
JAPAN SCIENCE AND TECHNOLOGY CORP
OS Homo sapiens (human)
PD 2002205591-A/501
PD 30-JUL-2002
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/organism='Homo sapiens (human)'.

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Human liver disease-expressing genes.
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                                                                 Location/Qualifiers
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JP 2002209591-A/501.
unidentified
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Weissman, S.M., Nallur, G.N. and Kulkarni, P.
Multiple selection process for binding sites of DNA-binding proteins
                                                                                                                                                                                                                           Unknown.
Unknown.
Unclassified.
I (bases 1 to 11)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 121 19-JAN-1999;
Location/Qualifiers
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11.5%; Score 8.4; DB 1; Length 11
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
    Pred. No. 4.2e+02;
0; Mismatches 1; Indels
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                                                                                                                                         Sequence 121 from patent US 5861244.
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Location/Qualifiers
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Sequence 57 from patent US 5861246.
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/organism="unknown"
/wol_type="unassigned DNA"
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Sequence 2 from patent US 5994109.
AR091412
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AR030246.1 GI:5943460
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    Best Local Similarity 90.0%;
Matches 9; Conservative
                                            926 TTTTATCCT 935
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AR030246/c
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AR029932
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unidentified

unclassified.

1 (bases 1 to 11)

Delecluse, A. and Thiery, I.

NEW POLYPETIDES HAVING A TOXIC ACTIVITY AGAINST INSECTS OF THE
DIPTERABE FAMILY
PATENT: WO 9606171-A 13 29-FEB-1996;
PASTEUR INSTITUT (FR)
Other publication FR 2723961 960301.
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SM Unknown.
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Unclassified.
Unclassified.
SRS Wang, C.-G. and Hepburn, A.G.
E Genetic sequence assay using DNA triple strand formation
E Genetic Sequence assay using DNA triple strand formation
Location (Qualifiers 1999).
Location (Qualifiers 1)
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Unclassified.
1 (bases i to 11)
Wang, C.-G. and Hepburn, A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 64 19-JAN-1999;
Location/Qualifiers
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/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"
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Sequence 64 from patent US 5861244.
AR028875
AR029875.1 GI:5943089
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 99 from patent US 5861244.
AR029910
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Matches 9; Conservative
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AR029875
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AR029910
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AR125617
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Woo, S.L.C., Smith, L.C., Cristiano, R.J., Gottchalk, S. and Sparrow, J. Nucleic acid transporter system and methods of use Patent: US 5994109-A 2 30-NOV-1999;
Location/Qualifiers
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Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
Nucleic acid transporter system and methods of use
Patent: US 5994109-A 16 30-NOV-1999;
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Delecluse, A. and Thiery, I.
Polypeptides having a toxic activity against insects of the
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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AR091426
AR091426.1 GI:10018181
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                                                                                        /organism="unknown"
/wol_type="unassigned DNA"
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Sequence 15 from patent US 6071877.
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/wol_type="unassigned DNA"
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AR097609.1 GI:12806339
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Matches 9; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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Unclassified.

1 (bases 1 to 11)

Moo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.

Nucleic acid transporter systems

Patent: US 6177554-A 2 23-JAN-2001,

Location/Qualifiers
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Woo,S.L.C., Smith,L.C., Cristiano,R.J., Gottchalk,S. and Sparrow,J.
Nucleic acid transporter systems
Patent: US 6177554-A 16 23-JAN-2001;
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Unclassified.
1 (bases 1 to 11)
Kleid, D.G. and Yansura, D.G.
Production of foot and mouth disease vaccine from microbially
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Sequence 16 from patent US 6177554.
AR125631
AR125631.1 GI:14111693
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                                                                                          Sequence 2 from patent US 6177554.
AR125617
AR125617.1 GI:14111679
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/mol_type="unassigned DNA"
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Sequence 2 from Patent EP 0068693.
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90.0%; Pred. No. 4.2e+02;
tive 0; Mismatches 1;
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Pred. No. 4.2e+02;
0; Mismatches 1
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O'Brochta,D., Warren,W. and Atkinson,P.
Gene transfer system for insects
Patent: US 5614398-A 24 25-MAR-1997;
Location/Qualifiers
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1 (bases 1 to 11)

0'Brochta,D., Warren,W. and Atkinson,P.
Gene transfer system for insects
Patent: US 5614398-A 25 25-MAR-1997;
Location/Qualifiers
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O'Brochta,D., Warren,W. and Atkinson,P.
Gene transfer system for insects
Patent: U5 5614398-A 26 25-MAR-1997;
Location/Qualifiers
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Sequence 24 from patent US 5614398.
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Sequence 25 from patent US 5614398.
138545
138545.1 GI:2084599
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/organism="unknown"
/mol_type="unassigned DNA"
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Sequence 26 from patent US 5614398.
138546
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/organism="unknown"
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90.0%;
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Unclassified.
1 (bases 1 to 11)
Kleid,D.G. and Yansura,D.G.
Production of foot and mouth disease vaccine from microbially expressed antigens
Patent: BP 0066693-A2 8 05-JAN-1983;
Location/Qualifiers
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1 (bases 1 to 11)
Kleid,D.G. and Yansura,D.G.
Production of foot and mouth disease vaccine from microbially
expressed anticess
Patent: EP 0068693-A2 5 05-JAN-1983;
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expressed antigens
Patent: EP 0068693-A2 2 05-JAN-1983;
Location/Qualifiers
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Sequence 5 from Patent EP 0068693.
103848
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11 bp

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103851.1 GI:591990
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Sequence 4 from patent US 6379881.
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 IS8630.1 GI:2477868
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Best Local Similarity 90.0
Matches 9; Conservative
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AR207570/c
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I63528/c
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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O'Brochta,D., Warren,W. and Atkinson,P.
Gene transfer system for insects
Patent: US 5614358-A 27 25-MAR-1997;
Location/Qualifiers
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O'Brochta,D., Warren,W. and Atkinson,P.
O'Brochta,D., Warren,W. and Atkinson,P.
O'Brochtansfer system for insects
Patent: US 5614398-A 29 25-MAR-1997;
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Sequence 16 from patent US 5652210.
158630

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138547
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Unclassified.

1 (bases 1 to 11)
Fouchier,R.Adrianus. and Schuitemaker,J.
Nucleic acids and methods for the discrimination between syncytium inducing variants of the human immunodeficiency virus
Patent: US 6379881.A 4 30-APR-2002;
Location/Qualifiers
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Unclassified.

1 (bases 1. 11)

Barr,P.J. (Shapiro,J.P. and Kiefer,M.C.
Recombinant production of a soluble splice variant of the Fas (Apo-1) antigen, fas TM
Patent: US 5663070-A 16 02.5EP-1997;
Location/Qualifiers
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11.5%; Score 8.4; DB 1;
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Matches 9; Conservative 0; Mismatches 1;
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Sequence 16 from patent US 5663070.
163528
163528.1 GI:2481101
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Homo sapiens
Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

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    /organism="Homo sapiens"

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Homo sapiens
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I (bases 1 to 11)
Lockhart,D.J., Lai,C.-Q. and Gunderson,K.L.
Even length proportional amplification of nucleic acids
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Patent: US 6495320-A 1 17-DEC-2002;
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11.5%; Score 8.4; DB 1; Length 11; 90.0%; Pred. No. 4.2e+02; rive 0; Mismatches 1; Indels
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Triple-stranded nucleic acids
Patent: US 5422251-A 1 06-UN-1995;
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Sequence 12 from Patent WO0210217.
AX393082
AX393082.1 GI:19701132
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Sequence 1 from patent US 6495320.
AR266648
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Sequence 1 from patent US
AR364706
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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St Croix, B., Kinzler, K.W. and Vogelstein, B. Endochelial cell expression patterns Patent: WO 0210217-A 12 07-FEB-2002; The Johns Hopkins University (US)
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Sequence 164 from Patent W00210217.
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
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Method for determining skin stress or skin ageing in vitro
Patente: WO 02053773-A 91 11-JUL-2002;
HENKEL KGAA (DE)
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 128 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Sequence 91 from Patent W002053773.
AX470514

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 2 11-JUL-2002;
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 72 11-JUL-2002;
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Sequence 2 from Patent WO02053773.
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AX470495.1 GI:22205620
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 451 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 353 11-JUL-2002;
HENKEL KGAA (DE)
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Sequence 353 from Patent WO02053773.
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Best Local Similarity 90.0
Matches 9; Conservative
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AX470776/c
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AX470874/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                              Hofmann, K., Conradt, M. and Petersohn, D.
Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 163 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 170 11-JUL-2002;
HENKEL: KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 204 11-JUL-2002;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 170 from Patent WO02053773.
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Seguence 204 from Patent WO02053773.
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 538 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 613 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Matches 9; Conservative 0; Mismatches 1; Indels
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           Sequence 538 from Patent WO02053773.
AX470961
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                                                             AX470961.1 GI:22206086
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AX471173.1 GI:22206298
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Hofmann, K., Conradt, M. and Petersohn, D. Method for determining skin stress or skin ageing in vitro Patent: WO 02053773-A 750 11-JUL-2002; HENKEL KGAA (DE)
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Method for determining skin stress or skin ageing in vitro
Patent: NO 02033773-A 816 11-JUL-2002;
HENKEL KGAA (DE)
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1021 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Sequence 1021 from Patent WO02053773.
AX471444
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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                                                                                                        Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1430 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
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Seguence 143 from Patent WO02053774.
AX623102
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Sequence 281 from Patent WO02053774.
AX623240
   Sequence 1430 from Patent WO02053773
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

                                    AX471853.1 GI:22206978
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AX623240
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AX623102
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02023773-A 1073 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Method for determining skin stress or skin ageing in vitro
Patent: WO 02053773-A 1222 11-JUL-2002;
HENKEL KGAA (DE)
Location/Qualifiers
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Matches 9; Conservative 0; Mismatches 1; Indels
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 Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Sequence 1222 from Patent WO02053773.
AX471645
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Homo sapiens
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Homo sapiens
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Sequence 756 from Patent WO02053774.
AX623715.
AX623715.1 GI:28451656
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AX623873
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AX623715/c
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AX623832/c
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AX623873/c
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Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
                                                                                                                                    11.5%; Score 8.4; DB 1; Length 11; 90.0%; Pred. No. 4.2e+02; tive 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
Patent: WO 2025774-4 391 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Patent: WO 02053774-A 281 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 391 from Patent WO02053774.
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/organism="Homo sapiens"
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Best Local Similarity 90.0.
Best Local 9; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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 Location/Qualifiers
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 1236 from Patent WO02053774.
AX624195
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 2053774-4 1721 11-UUL-2002;
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                                                                               11 bp DNA Sequence 1721 from Patent W002053774. AX624680
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Sequence 2041 from Patent WO02053774.
AX625000 GI:28452941
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 2041 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 2200 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 2200 from Patent WO02053774.
AX625159
AX625159.1 GI:28453100
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Sequence 2124 from Patent WO02053774.
AX655083 1G1:28453024
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AX625434.1 GI:28453375
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 2245 from Patent W002053774.
AX625204
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Seguence 2236 from Patent WO02053774.
AX625195
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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AX625434 11 bp DNA
Sequence 2475 from Patent W002053774.
AX625434
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Sequence 2780 from Patent WO02053774.
AX625739
AX625739.1 GI:28453680

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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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                                              Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Patent: WO 2053774-4 2780 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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AX625853/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota, metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Query Match 11.5%; Score 8.4; DB 1; Length 11; Best Local Similarity 90.0%; Pred. No. 4.2e+02; Matches 9; Conservative 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 3087 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
                                                                                                                                                                                                                                   Sequence 3087 from Patent WO02053774.
AX626046
AX626046.1 GI:28454084
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/db_xref="taxon:9606"

    .11
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
    /db_xref="taxon:9606"

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Best Local Similarity 90.07
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AX626672/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3138 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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                        Sequence 3138 from Patent WO02053774.
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Sequence 3366 from Patent W002053774.
AX626325
AX626325.1 GI:28454363
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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AX626384/c
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota: Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Petersohn,D., Conradt,M. and Hofmann,K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 3425 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 3713 from Patent WO02053774.
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AX626672.1 GI:28454710
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Best Local Similarity 90.0%;
Matches 9; Conservative C
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Homo sapiens
Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 3833 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
        11 bp DNA
Sequence 3816 from Patent WO02053774.
AX626775
AX626775.1 GI:28454813
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Sequence 3833 from Patent WO02053774.
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Sequence 3896 from Patent WO02053774.
AX626855
AX626855.1 GI:28454893
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AX626792.1 GI:28454830
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Homo sapiens
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 0203774-4 3780 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3809 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Homo sapiens
Query Match
Best Local Similarity 90.0
Matches 9; Conservative
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PAT 21-FEB-2003

Petersohn, D., Conradt, M. and Hofmann, K.

REFERENCE AUTHORS

RESULT 755 AX626775/c

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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DEFINITION Sequence 4059 from Patent W002053774.
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Sequence 3964 from Patent W002053774.
AX626923 GI:28454961
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/db_xref="taxon:9606"
     Mismatches

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    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Homo sapiens
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   9; Conservative
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AX626923/c
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-4 3896 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 3904 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 3904 from Patent WO02053774.
AX626863

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AX626863/c
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Momo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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/mol_type="unassigned DNA"
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    11.
    /organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

    .11
    /organism="Homo sapiens"
    /mol_type="unassigned DNA"
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Patent: WO 02053774-A 4136 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 4184 11-JUL-2002;
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/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeosrasis of the skin
Patent: WO 02053774-A 4566 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Sequence 4566 from Patent WO02053774.
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Seguence 4594 from Patent WO02053774.
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Sequence 4652 from Patent W002053774.
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 4.2e+02;
0; Mismatches 1; Indels
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                                                                          Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 4652 11-UVL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 5155 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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PAT 21-FEB-2003

LOCUS

ACCESSION VERSION KEYWORDS

RESULT 772

AX628150

Matches

ORGANISM

SOURCE

REFERENCE AUTHORS TITLE JOURNAL

FEATURES

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linear PAT 21-FEB-2003
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Sequence 5966 from Patent W002053774.
AX628925
                                                                                     AX628235 11 bp DNA Sequence 5276 from Patent WO02053774. AX628235
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AX628920/c
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AX628925/c
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AX628235/C
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Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Pred. No. 4.2e+02;
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Sequence 5191 from Patent WO02053774.
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RESULT 773

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PAT 21-FEB-2003

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Best Local Similarity 90.0%;
Matches 9; Conservative C
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Homo sapiens
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Matches 9; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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11.5%; Score 8.4; DB 1; Length 11;
Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 6062 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
                                                               Petersohn, D., Conradt, M. and Hofmann, K.
Method for determining homeostasis of the skin
Patent: WO 02053774-A 5966 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-8 6061 11-UUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Sequence 6062 from Patent W002053774.
AX629021 GI:28457059
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Sequence 6061 from Patent WO02053774.
AX629020
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Score 8.4; DB 1;
Pred. No. 4.2e+02;
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90.0%; Pred. No. 4.2e+02;
tive 0; Mismatches 1;
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Sequence 6343 from Patent W002053774.
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Sequence 6353 from Patent W002053774.
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Homo sapiens (human)
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Best Local Similarity 90.03
Matches 9; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                              AX629441 11 bp DNI Sequence 6482 from Patent WO02053774.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                             Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-8 6809 11-UUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Sequence 7002 from Patent WO02053774.
AX629961
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Sequence 7102 from Patent WO02053774.
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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Momo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 7702 11-JUL-2002,
Henkel Kommanditgesellschaft auf Aktien (DE)
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             Sequence 7702 from Patent WO02053774. AX630661
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Sequence 7281 from Patent W002053774.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 8336 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 2023774-A 8082 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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Petersohn, D., Conradt, M. and Hofmann, K. Method for determining homeostasis of the skin Patent: WO 02053774-A 9260 11-JUL-2002; Henkel Kommanditgesellschaft auf Aktien (DE) Location/Qualifiers
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 Patent: WO 02053774-A 9127 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DB)
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                           Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia; Eutheria; Primates; Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Petent: WO 0205374-A 9024 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
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Method for determining homeostasis of the skin
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Sequence 9127 from Patent WO02053774.
AX632085
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Sequence 9024 from Patent W002053774.
AX631982
AX631982.1 GI:28467597
Sequence 8968 from Patent W002053774.
AX631926
AX631926.1 GI:28460064
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/db_xref="taxon:9606"
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/db_xref="taxon:9606"
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Best Local Similarity 90.0.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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AX632580.1 GI:28468195
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AX632616/c
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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Patent: WO 02053774-A 9463 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
                                                                                                               AX632421 11 bp DNA Sequence 9463 from Patent WO02053774.
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AX632421.1 GI:28468036
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Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 9622 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DE)
Location/Qualifiers
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Method for determining homeostasis of the skin
Patent: WO 02053774-A 9667 11-JUL-2002;
Henkel Kommanditgesellschaft auf Aktien (DB)
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Sequence 9658 from Patent WO02053774.
AX632616
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/mol_type="unassigned DNA"
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/db_xref="taxon:9606"
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Gaps

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Direct Submission

Balzergue, S.

Balzergue, S.

Direct Submission

Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue

Gaston Cremieux, 91057 Evy cedex, FRANCE

PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from

the PCR were directly sequenced from the left or the right border

to determine the genomic sequence flanking the insertion. T-DNA

derived sequences were removed. Information to order the

corresponding mutant line and a link to a database providing a

graphical display of the insertion site are available at

http://dbsgap.versailles.inra.fr/publiclines/. This sequence has

program 'Genoplante' (http://www.genoplante.com and

http://genoplante-info.infoingen.fr).
                                                                                                                                                                                                                                                                                                                                                                                                                    AUSHB245 11 bp DNA linear PLN 23-OCT-2003
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
352609.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AJS88245
AJS88241. GI:37937869

left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Bukaryota; Virialiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Ahavin, S., Bechtold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepiniec, L., Caboche, M. and Lecharny, A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /clone="352G09"
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                                                                                                                                                                              Score 8.4; DB 1; Length 11; Pred. No. 4.2e+02; 0; Mismatches 2; Indels
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/organism="Arabidopsis thaliana"
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'note="T-DNA flanking sequence
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/cultivar="Wassillewskija"
/db_xref="taxon:3702"
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EMBO Rep. 3 (12), 1152-1157 (2002)
22363535

    .11
    /organism="synthetic co:
/mol_type="genomic DNA"
/db_xref="taxon:32630"

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Best Local Similarity 81.8%;
Matches 9; Conservative
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Best Local Similarity 90.0
Matches 9; Conservative
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Nucleic acid having deazaadenines and phosphoramidites to synthesize this.

BDIA4946.

BDIA4946.

BDIA4946.1 GI:29120640

S DP 200225992-AA/4.

Synthetic construct

BYAT 18-MAR-2003

S DE 200225992-AA/4.

Synthetic construct

BYAT 18-MAR-2003

S DE 200225992-AA/4.

S Saito, I., Okamoto, A. and Tanaka, K.

Nucleic acid having deazaadenines and phosphoramidites to synthesize this and TECHNOLOGY CORP

OR Artificial Sequence

PN JP 2002255992-A/4

DE 2002255992-A/4

DE 2002255992-A/4

DE 2002255992-A/4

DE 2002255992-A/4
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ISAO SAITO, AKIMITSU OKAMOTO, KAZUO TANAKA
C07H21/04, C07H39/14, C12N15/09, C12N15/00
Description of Artificial Sequence:synthesized nucleotide FH
Location/Qualifiers
                                                                                                                                                                                        Gaps
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Drosophila melanogaster
Bukaryota, Metazoa, Arthropoda, Hexapoda, Insecta, Pterygota,
Neoptera, Endopterrygota, Diptera, Brachycera, Muscomorpha,
Ephydroidea, Drosophilidae, Drosophila.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Dickson, B., Berger, J., Suzuki, T., and Knoblich, J.
Method for identifying therapeutic targets by use of genetic screens in drosophila melanogaster
Patent: WO 03042407-A 54 22-MAY-2003,
BOEHRINGER INGELERIM INTERNATIONAL GMBH; CD Patents (DE)
Location/Qualifiers
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Best Local Similarity 90.0%; Pred. No. 4.2e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Location/Qualifiers
1. .11
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                                                                                                                                                                                                                                                                                                                                                                                            AX772264 11 bp C
Sequence 54 from Patent WO03042407.
AX772264
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11.5%; Score 8.4; DB 1;
90.0%; Pred. No. 4.4e+02;
tive 0; Mismatches 1;
                                                                                                               organism="synthetic construct"
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Sequence 315 from patent US 5861244.
AR030126.1 GI:5943340
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                                                                           Location/Qualifiers
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Matches 9; Conservative
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                                                                                 AJ594899 11 bp DNA linear PLN 23-OCT-2003
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
407F06.
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                                                                                                                                                                                                                                                                                                                        Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chavin, S., Bechrold, N., Cruaud, C., DeRose, R., Pelletier, G., Lepinlec, L., Caboche, M. and Lecharny, A.

T-DNA integration into the Arabidopsis genome depends on sequences
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic_DNA"
/cultivar="Wassillewskija"
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/clone=lib="Arabidopsis thaliana T-DNA insertion lines"
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left border"
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left border; T-DNA flanking sequence.
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
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A15615
A15615.1 GI:489784
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CTTTGACTTT
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KEYWORDS
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                                                    RESULT 808
AJ594899/c
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Carey, N.H., Doel, M.T., Harris, T.J.R., Lowe, P.A. and Emtage, J.S. A process for the production of a polypeptide Patent: EP 0068691-A 11 05-JAN-1983; CELLIECH LIMITED
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L fbases 1 to 12)
Hanecaks 1.C. Tanderson.K.P., Bennett,C.Frank., Chiang,M.-Y.,
Erown-Driver,V.L., Ecker,D.J., Vickers,T.A., Wyatt,J.R. and
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Wang,C.-G. and Hepburn,A.G.
Genetic sequence assay using DNA triple strand formation
Patent: US 5861244-A 315 19-JAN-1999;
Location/Qualifiers
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Oligonuclectides having a conserved G4 core sequence
Patent: US 5952490-A 4 14-SEP-1999;
Location/Qualifiers
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                                                                                                                                                                                                                                 Length 12;
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Gaps

RESULT 812
AR082930
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REFERENCE AUTHORS TITLE JOURNAL FEATURES

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BD24222.1 GI:33052292
BD24222.1 GI:33052292
S TP 2002528136-A/28.
Synthetic construct
swithetic construct
artificial sequences.

I (bases 1 to 12)
S Guiliano,K.A., Bright,G., Olson,K. and Tencza,S.B.
A system for cell based screening
Patent: JP 2002528136-A 28 03-SEP-2002;
CELLOMICS INC
OS Artificial Sequence
N JP 2002528336-A/28
PN JP 2002528336-A/28
PN JP 2002528336-A/28
PN JP 2007-1999 UP 60/106308,26-MAY-1999 US 60/136078 PI
KENNETH A GUILIANO,GARY BRIGHT,KEITH OLSON,SARAH BURROUGHS PI
TENCZA
PC 012N133/15,
PC 013N13/15, C12N1/15,C12N1/19,C12N1/11,C12N5/10,C12Q1/02,C12Q1/
PC 01N33/15,C12N1/15,C12N1/13,C12N1/11,C12N5/10,C12Q1/02,C12Q1/
PC 01N33/15,C12N1/15,C12N1/15,C12N1/15,C12N5/10
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1 (bases 1 to 12)

1 (bases 1 to 12)

1 (bases 1 to 12)

1 (bandablan, K. and Rothberg, J.Marc.

Identification and comparison of protein-protein interactions that occur in populations

Patent: US 6083693-A 89 04-UUL-2000;
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37,GO1N33/21,CI2N15/00,CI2N5/00
Description of Artificial Sequence: proCaspase-1 substrate CC
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11.5%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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Antisense inhibition of hepatitis C virus
Patent: US 6001990-A 22 14-DEC-1999;
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"
                                                         1. .12
/organism="unknown"
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Best Local Similarity 90.0
Matches 9; Conservative
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BD242522
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1 (bases 1 to 12)
Bohinski, R.J. and Whitsett, J.A.
Nucleic acid sequences controlling lung cell-specific gene
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Worknown.
Unclassified.

S 1 (bases 1 to 12)

S Cheung, A. and Fischetti, V.A.
Regulation of exoprotein in staphylococcus aureus
Regulation of exoprotein in staphylococcus aureus
Regulation of exoprotein.

All Patent: US 5976792-A 15 02-NOV-1999;

Location/Qualifiers
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1 (bases 1 to 12)
Wands, J.R., Wakita, T. and Moradpour, D.
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Location/Qualifiers
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Sequence 15 from patent US 5976792.
AR082930

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Sequence 27 from patent US 5976873.
AR083488 1 GI:10010263
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Best Local Similarity 90.0
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RESULT 813

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PAT 20-APR-2002
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Schroth, G.P., Bruice, T. Wayne. and Suh, Y.J.
Nucleic acid ligand interaction assays
Patent: US 635428-A 39 12-MAR-2002;
Location/Qualifiers
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Unclassified.
1 (bases 1 to 12)
Schroth,G.P., Bruice,T.W. and Suh,Y.J.
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                                                                                                       AR199330 12 bp | Sequence 39 from patent US 6355428. AR199330. GI:20249404
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/organism="unknown"
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Sequence 39 from patent US 6420109.
AR218380
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Sequence 55 from patent US 6416959.
AR217447
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Best Local Similarity 90.03
Matches 9; Conservative
899 CCCTGGTCAT 908
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Draper, K. G., Crooke, S.T., Mirabelli, C.K., Ecker, D.J., Hanecak, R.C., Anderson, K.P., Brown-Driver, V.L., and Wyatt, J.R.
Oligonucleotide therapies for modulating the effects of herpes viruses
Patent: US 5514577-A 20 07-MAY-1996;
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Prockop, D.J., Ala-Kokko, L., Fertala, A., Sieron, A., Kivirikko, K.I., Geddis, A. and Pihlajaniemi, T.
Synthesis of human procollagens and collagens in recombinant DNA
                                                                                                                                                                   Gaps
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/organism='Artificial Sequence'.
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Matches 9; Conservative 0; Mismatches 1; Indels
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Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1; Indels
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 Location/Qualifiers

    .12
    forganism="synthetic construct"
|mol_type="genomic DNA"
|db_xref="taxon:32630"

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Patent: US 5593859-A 5 14-JAN-1997;
Location/Qualifiers
1. .12
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                                                                                                                                                                                                                                                                                                      12 bp
Sequence 20 from patent US 5514577.
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Sequence 5 from patent US 5593859.
133672
                                             Location/Qualifiers
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I20441.1 GI:1600796
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Polymorphisms in the human cyp3a4, cyp3a7 and hpxr genes and their use in diagnostic and therapeutic applications
Patent: EP 1089500-A 56 04-APR-2001,
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
                                                                                                                                                                                                                                                                          Wojnowski, L. and Hustert, E.
Polymorphisms in the human hpxr gene and their use in diagnostic and therapeutic applications
and therapeutic applications
Patent: WO 012026-A 20 22-MAR-2001;
Epidauros Biotechnologie AG (DE)
Location/Qualifiers
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11.5%; Score 8.4; DB 1;
Best Local Similarity 90.0%; Pred. No. 4.4e+02;
Matches 9; Conservative 0; Mismatches 1.
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90.0%; Pred. No. 4.4e+02;
cive 0; Mismatches 1
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Sequence 20 from Patent W00120026.
AX098957
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Sequence 56 from Patent EP1088900.
AX136982
AX136982.1 GI:14273329
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   899 CCCTGGTCAT 908
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AX136982/c
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Nandabalan, K. and Rothberg, J.M.
Nandabalan, K. and Rothberg, J.M.
Identification and comparison of protein-protein interactions that occur in populations and indentification of inhibitors of these interactors
Patent: US 6395478-A 89 28-MAY-2002;
Location/Qualifiers
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Bennett, C.F., Chiang, M.Y., Anderson, K.P., Hanecak, R.C. and
Wyatt, J.T.
Oligonucleotiecthaving a conserved g4 core sequence
Patent: EP 1016715-A 4 05-JUL-2000;
ISIS PHARMACEUTICALS INC (US)
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Nucleic acid ligand interaction assays Patent: US 6420109-A 39 16-JUL-2002; Location/Qualifiers

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Sequence 89 from patent US 6395478.
AR371434
AR371434.1 GI:34608368
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Bacheridhia coli
Bacteria, Proteobacteria, Gammaproteobacteria, Enterobacteriales,
Enterobacteriaceae, Escherichia.
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                                                                                                   Uhlmann, E., Breipohl, G. and Will, D.W.
Polyamide nucleic acid derivatives, agents and methods for producing the same producing the same batter: WO 0179249-A 59 25-OCT-2001, Aventis Pharma Deutschland GmbH (DE)
Location/Qualifiers
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Oligonukleotide"
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Sequence 55 from Patent EP1314980.
AX766766
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Sequence 75 from Patent WO0194600.
AX351123
AX351123.1 GI:18616477
 AX283295
AX283295.1 GI:17044176
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AX351123/c
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AX766766
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Synthesis of human procollagens and collagens in recombinant DNA. BD175829. GI:29121531. UP 2002255999-A/2.
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 12)
Prockop, D.J., Kokko, L.A., Fertala, A., Sieron, A., Kivirikko, K.I. and Geddis, A.
Synthesis of human procollagens and collagens in recombinant DNA Patent; JP 200225599-A 2 11-SEP-2002;
THOMAS JEFFERSON UNIVERSITY
OS Homo sapiens (human)
PN JP 2002255999-A/2
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Synthesis of human procollagens and collagens in recombinant
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COTKI4/78,A61K38/17,A61P9/00,A61P13/12,A61P19/08,A61P19/10,
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12-DEC-2001 JP 2001379164
23-0CT-1991 US 780899
DARWIN J PROCKOP, LENNA ALA KOKKO, ANDRZEJ FERTALA, ALEKSANDER
                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                             11.5%; Score 8.4; DB 1; Length 12; 90.0%; Pred. No. 4.4e+02; tive 0; Mismatches 1; Indels
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Giuliano, K.A. and Kapur, R.
A system for cell-based screening
Patent: EP 1314980-A 55 28-MAY-2003;
Cellomics, Inc. (US)
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/organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
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Homo sapiens
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Best Local Similarity 90.0
Matches 9; Conservative
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